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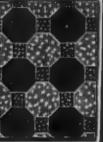
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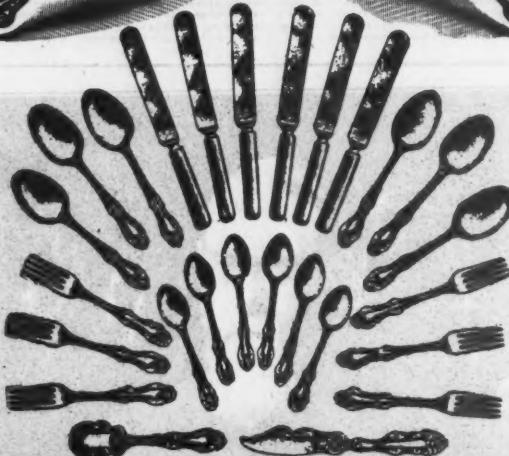


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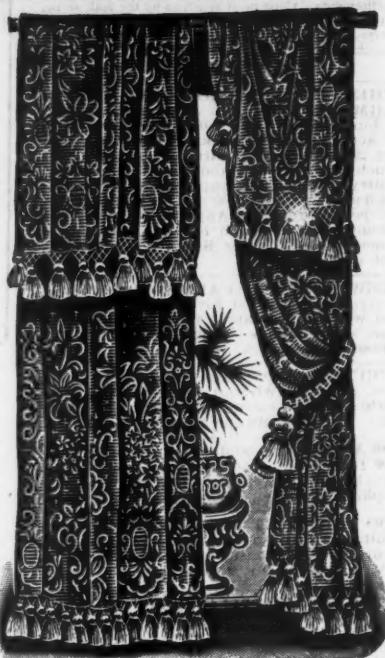


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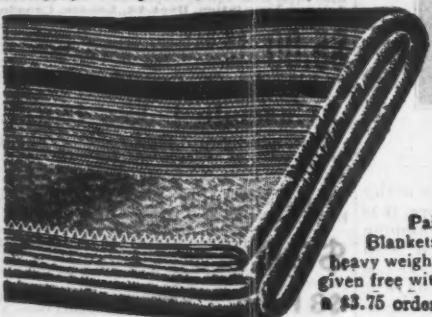
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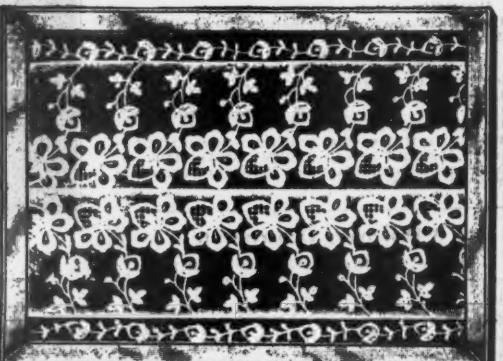
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GREEN'S FRUIT GROWER and HOME COMPANION

Published Monthly—Price, 50 Cents a Year.

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ROCHESTER, N. Y., OCTOBER, 1907.

Number 10.

Cider and Vinegar Making as a Method of Preventing Waste in the Orchard.

Written for Green's Fruit Grower. Apple growing dates back as far as human history goes. Cedar making is not a new industry, but was indulged in by the ancients, as was the making of wine from the grape. Every reader is supposed to be familiar with apple juice, properly known as cider in agricultural communities, but there are few who realize that it is possible to make, from the juice of the apple, a product that can be distinguished from grape wine only by a person of experience and delicate taste. The waste of the American evaporators, the cores and other parts, are shipped in large quantities to Europe, and are there converted into a liquid which is sent back to this country under the label of champagne or grape wines. It is possible that half the champagne sold in various countries is the product of the apple.

It is possible that there is scarcely a reader of Green's Fruit Grower who has ever tasted the finest product of apple juice known as cider. The reasons for this are obvious. The method pursued in making cider throughout the rural districts is usually carelessly, thoughtlessly and often horribly dirty and imperfect. In the average cider mill cleanliness is scarcely thought of. If a large portion of the apples are decayed, they are considered good enough for cider. No matter what happens to cider apples they are seldom discarded, but are all run through the cider mill. No wonder then, that the average product of the American cider mill is of inferior quality. Sweet apples, sour apples, immature apples, wormy specimens, anything and everything is without classification or assorting made into cider. Further than this vast quantities of water are thrown on to the pumice and it is pressed over and over again in order to work out every particle of apple flavor that may remain after the juice has been pressed out, thus in many cider mills half of the cider is water. In many cases, the cider is so poor that it will not make good vinegar.

In contrast with these careless and unbusinesslike methods is the man, who is determined to make the best possible grade of cider. This man may select certain varieties of apples for making the high grade of cider which he desires. He has discovered the particular variety which will give him the quality and flavor desired, and he will use no other. Possibly he has found that a certain variety of crab apple gives him the highest flavor of cider. Possibly he may favor the Baldwin, Russett, or some other well-known variety. Having selected the variety, he has found, by experiments to give him the best flavored cider, he assorts the apples carefully, sees that every one is clean and stored in a clean place, and that it is the proper condition of ripeness to make the best grade of juice, which is a very important question in cider, which should not be made of immature apples.

Then, he sees that his cider mill is as clean as it can possibly be made in every part, including the grinder, the presses, and the various tubs and barrels.

There is a factory at Rochester, N. Y., employing many hundreds of men, which manufactures metal tanks, lined with glass. This company makes the highest quality of cider, stores it temporarily in these glass lined tanks, which anyone can see are far superior to the ordinary wooden tanks, and can be kept much cleaner. Every step in the making of this high grade cider is pursued with as much care as the housewife would exercise in putting up her canned fruit. There are cold rooms for keeping the cider from fermentation until it can be bottled. After cleansing and rocking off, and before any fermentation has taken place; that is, before the cider contains any alcohol, it is run off into bottles and charged

with carbonic acid gas, the same as we get at the soda fountain, and the same that is used in charging mineral waters, so-called. Then the bottles are carefully wired so that the cork cannot be forced out, and packed in cases containing quarts and pints, and it is sold at a higher price than the best wine, netting remarkable profits to the man who is content to learn the business thoroughly, and wait for the public to appreciate his product, which may be hastened by judicious advertising.

This method of making high grade cider, which is a temperance drink, since it contains no alcohol, is in its infancy in this country. Possibly there are not over six such cider mills in the United States. Here is an opening for enterprising men.

But this article will not satisfy our readers unless we speak more at length

cider vinegar is inclined to be of a reddish hue. Doubtless the distillery vinegar is often mixed with cider vinegar and millions of barrels of alcoholic vinegar are sold each year as cider vinegar. This distillery vinegar can be made far cheaper than cider vinegar, and, as many people cannot distinguish between the two, great injury is done to the cider vinegar industry.

A large loss in making vinegar on the farm is due to evaporation. A barrel of good cider will so far evaporate before it is transformed into vinegar by the regular slow process as not to make much more than half a barrel of vinegar after the lapse of several years. Another loss is in the expense of barrels, and the short life of barrels. Usually barrels which have been used for whiskey are used at a cost of \$1.50 each. These are excellent barrels, hooped with iron, but after these barrels have been in the damp cellar for a few years, filled with vinegar, the hoops are eaten by rust and must be replaced, or the barrel for some reason or other leaks, and must be discarded.

crop of fifty-four trees, planted fourteen years ago. This makes each tree net \$64. Mr. Forman recently refused an offer of \$2,000 for the product of the fifty-four trees. The pears are of the Anjou variety.

The Italian prune crop in the orchards south of Spokane will be the biggest in the history of the country this year. One grower said: "Everything is now in readiness to start, and we shall do a splendid business this year. There are quantities of prunes and the growers will get a good price for them. The dryers will give employment to a great many people at good wages, and the fruit growers will employ all who want to work gathering prunes in the orchards." —August Wolf.

A Pioneer Oregon Orchard.

Oregon has won more medals in the past ten years for her fine fruits than any other state in the Union, and the fame of several varieties of Pacific coast fruits has spread to the remotest corners of the earth.

Could these facts have been foreseen some 60 years ago by Henderson Luelling, a humble Iowa farmer and nurseryman, there would have been great rejoicing in his simple heart, for it was Luelling who, in the days before the great transcontinental steel rails were laid across the trackless waste, loaded two old-fashioned, creaking wagons with grafted seedlings of peach, apple, pear, quince and cherry trees, and drove his oxen forth from civilization, facing the danger of Indian massacre and other frontier perils, that he might start the fruit industry in the new west. For many weary and watchful months Luelling and his little party traveled across the plains, and the story of their adventures will be handed down in history with those of other brave pioneers.

It was early in 1845 that Henderson Luelling first thought of starting the fruit-growing industry on the Pacific coast. The idea was first suggested to him by reading a report of the Lewis and Clark expedition. Luelling's father before him, and his ancestors for many generations back, had been nurserymen in Wales, and when Henderson Luelling was a small boy, he came with his parents to America, his father continuing in the nursery business in North Carolina. As a young man Henderson Luelling moved to Illinois, then to Indiana, and later to Iowa, where he conducted a nursery business in connection with his farm.

For two years before Luelling started West with his young trees he was working out his plan, grafting young seedling trees into choice old stock, and rooting the grafted cuttings, so that each tree carried across the plains should be young, strong and hardy, and of pure strain. He built two wagon boxes, providing a layer of properly fertilized earth, from 18 inches to four feet in depth, in the bottom of the boxes in which to plant the trees, and constructing a framework around the tops of the boxes to protect the trees from the hungry oxen.

One of these wagons was driven by Luelling himself, and his 16-year-old son, Alfred, was entrusted with the other, the trees being very carefully guarded and tended throughout the journey. Through Luelling's skill as a nurseryman, although the party arrived out of season at their destination, the young trees were transplanted and rooted in Oregon soil without serious setback, and soon a thriving orchard marked the little clearing which some discouraged pioneer had abandoned previous to Luelling's arrival.

The investigations are still going on, Saint after saint is a proven sinner; Lies and deceit grow thinner and thinner, And the next thing I expect to hear is: Uncle Sam has stolen a horse, And the president's carried the White House off; The Bunker hill monument's tumbled down, And the Statue of Liberty's lost her crown. —Clara W. Lynch.

Judge—What brought you here?
Prisoner—Two policemen.
Judge—Drunk, I suppose.
Prisoner—Yes; both of them—Chicago News."



What is more attractive on the table than a dish of beautiful apples, peaches, pears, grapes, strawberries and other fruits? Unfermented cider is shown in a glass on the above table. Nature tempts people to eat fruits. Fruits are nature's remedies and nature's methods of keeping people healthy.

about the ordinary grade of cider which constitutes more than 99 per cent. of all that is made in this country. This cider is made as cheap as possible, and is usually made in a farming community, and is greatly diluted with water, since the cider maker pays for the apples brought to him in cider, thus the further it is diluted, the greater his profits. If the cider maker is making cider for himself he may make it of a higher grade, using much less water. Much of this better grade of cider, but not the best grade, is barreled and shipped in car load lots to various parts of the country where it is sold in saloons and restaurants, and often on the street corner as sweet cider. The most of the cider thus shipped contains salicylic acid, or some other drug which prevents fermentation, thus so-called sweet cider can be bought for five cents per glass any month in the year, but it is an inferior product, when compared with really first class apple juice.

VINEGAR MAKING.

Readers of Green's Fruit Grower often write asking for information about vinegar making, and whether it is a profitable business. My usual reply is that for the average farmer and fruit grower vinegar making is not profitable. There are men who make large quantities of vinegar every year, having extensive factories built for this purpose containing every device and machine necessary for converting sweet cider into vinegar in the shortest space of time. Many of these processes are trade secrets, but many of the methods are well-known.

Large quantities of vinegar are made from the refuse of distilleries. This distillery vinegar is almost white, while

Spokane (Wash.) Orchards.

Estimates prepared by the state fruit inspectors show that the growers in Washington will receive about \$20,000,000 for the products of their trees, bushes and vines this season, and of this more than \$10,000,000 will go to the orchardists in the Spokane country. The apple crop will be the heaviest in the history of the commonwealth, 3,772,105 trees in bearing being reported in thirty-seven counties, ranging from 300 in Adams county to 1,248,000 in Yakima county and 311,000 in Spokane county. Almost 1,000,000 prune and plum trees and 746,956 peach trees are in bearing in the state, and in addition to these there are several hundred thousand cherry trees and as many more of pears. More than 3,000,000 crates of small fruits and berries were harvested this summer, and of this Spokane county supplied 31,840 crates of strawberries, for which the growers received from \$2 to \$3 a crate. The price of apples ranges from \$1.25 to \$2.25 a box of 50 pounds, the latter being for shipment to Eastern and middle-eastern markets.

Prune picking in eastern and central Washington will begin in a few days, and the crop will be the most profitable in a number of years. While the yield will not be so heavy as that of last year, the size and price will more than make up for any loss in yield. The price this year will be from 5 to 6 1-2 cents a pound, while last year 2 1-2 cents was the average.

J. H. Forman, a grower at Parker's Bottom, west of Spokane, has sold the pear production on half an acre for \$3,500. This discounts all former records for fruit production and value in the Yakima valley. The fruit, which was sold for that price on the trees, is the

Jamestown Exposition Notes.

By Professor H. E. Van Deman.

Having been persuaded to do the judging of the horticultural exhibits at the Jamestown exposition, which I concluded to do, mainly in deference to the urgent requests of those who are making the fruit shows from the various states, it has occurred to me that some thoughts about what has been shown there might be of interest. There has been so much published to the discredit of this exposition and that was true during the earlier months, that it may not be easily believed that there has been or is yet much to see that is of special interest. However, this is a mistaken idea. The mismanagement and lack of preparation that has been chargeable to the exposition at large does not apply to the horticultural part of it. Although I did not see what was shown during the first two months of the exposition and did not intend to be there only as a visitor for a short time, when the American Pomological society and other kindred organizations would hold their meetings, I have carefully examined all that has been shown since early in July.

The states that have made the main part of the fruit show are nearly all on or not far from the Atlantic seaboard. This corresponds with the situation and might very reasonably be expected. Only one of the Pacific Coast states has shown fruit and that is California. Oranges, lemons and pomelos have been about all up to this date that this state has shown, and they were very fine. It may not be known that California is putting large quantities of lemons of the highest character on the market. The growers there have learned to not only grow good lemons but to gather and cure them in the most approved way. There was a time not long ago when this was not the case and California lemons were poor and almost rejected by dealers. Now they gather the fruit when it is of the proper size, irrespective of the state of maturity, and preferably, before there is any sign of coloring. They are then placed in storage houses until the green skin changes to the clear lemon yellow that is so well known. There is so much care used in keeping the fruit from injury and the grades even, and the climate is so well adapted to the growth of choice lemons that there is scarcely any that are imported equal to them. And besides, they have originated a variety called Eureka that is seedless. This is a great saving to the grower in point of economy of production; for the seeds of all fruits contain a large proportion of the elements of fertility. It also saves the transportation of a large weight of worthless material, and there are no seeds to bother the one who makes the fruit into lemonade or uses it in any other way.

Missouri is the only state of the middle west that is represented, and owing to the distance there has been no attempt to show any fruit except apples from cold storage. All that has appeared has been very good. The Ben Davis apples have been of the highest type that this variety is capable of being. The Jonathan, Grimes and York Imperial have ranked with the best, and no Missourian need be ashamed of what has been shown.

Ohio has in a measure redeemed her lost prestige at the expositions as an exhibitor, for this is the first one made at any of them. It has not been because of the lack of material or men capable of showing it, but of political greed; for Ohio has made many large appropriations, but consumed them all in expensive buildings and stylish and riotous living at the expositions by the commissioners. At the Jamestown exposition there is a good exhibit of fruits as well as of other farm products. Rome Beauty is the apple that showed to the best advantage, although from cold storage up to the date of this writing. This variety originated near Rome, Ohio, which is in the hilly region near the Ohio river, and there it succeeds remarkably well but no better than in some other parts of the country, even as far away as Washington and British Columbia. The Stark, Grimes and Jonathan from storage were all very good, the two latter not being considered late keepers even when well cared for, but they seem to have kept as well in several of the state exhibits as almost any other variety. Among the summer varieties in the Ohio exhibit the best were Jefferis and Primate. Nothing can quite equal the Jefferis in its season, which is early fall, only been a few figs and grapes up to my opinion, because of its delicious flavor, tender, juicy flesh, bright red color has been very good. The

stripes and the general reliability of the Emerald Gem cantaloupes were of the tree in growth and bearing. Jefferis is purest type and highest quality. There both a family and market apple and succeeds so well that it should be planted in every farm. Primate is a little earlier, very reliable as a bearer and is of most excellent quality. It is very delicate in flavor and in texture of flesh is the most tender of all apples. It deserves a place in every family orchard but its very tender flesh and light, creamy color render it rather unfit for market.

West Virginia is making a splendid fruit exhibit. Those in charge of it, Mr. and Mrs. S. W. Moore, are well adapted to the work and are doing credit to the state they represent. There is a great difference in the way visitors are treated by those in charge of the exhibits at fairs and expositions. They are often looking for information and ought to be met in a hearty and cordial manner. A few kind words or actions, or both, often have a lifelong effect for good, and so is the reverse true. One who is churlish, cold or stingy should never be given a place in a fruit exhibit. I have seen this done with very serious effects, by turning people away from the region thus misrepresented, or failing to attract them. The result was practically the same in either case. In the West Virginia exhibit there have been many kinds of apples shown that grew last year and were kept in cold storage and among them the Grimes. This variety originated in West Virginia and if it was the only fruit that has been given to the world from that state it might well be proud of the fact, but there are others, among which is the Lucretia dewberry, a variety that is unexcelled for general culture. The old Grimes tree is dead, but there are millions of its progeny blessing the world. There has been a splendid show of Jefferis apples in this exhibit and in sufficient quantity to enable those in charge to give away specimens to many visitors who are interested in fruit culture. A good taste of a Jefferis apple will convert almost anyone to the desire for more, and what we need is a desire for and knowledge of a really good fruit and then an abundant supply of it. In this case I know one of the largest nurserymen in the country who did not know of the superior qualities of this apple and had discarded the variety because of his lack of knowledge of them, but after seeing and tasting the fruit at the West Virginia exhibit and being told of the good character of the tree in the orchard he is at once preparing to again propagate and then push the sale of the trees. An intelligent and well-informed nurseryman can do almost untold good to the world. The results of this one little scrap of information from the fruit show at the Jamestown exposition will be far-reaching and very helpful to a part of the fruit-growing world.

Maryland has made one of the most continuously good fruit and vegetable shows at the exposition. Being closer to the place of exhibition than most of the states represented it has been possible to do so at less expense and inconvenience than others not so well situated. However, there has been much damage and loss from bad transportation service. There has been no peach exhibit equal to that of Maryland. The peach crop has been light this year nearly all over the country and it has been no easy matter to make a creditable show of this fruit. The same is true of all the other fruits, yet there have been berries of every kind, grapes, cherries, plums, pears, early and late apples and vegetables of nearly all kinds. The show of cantaloupes and watermelons has not been equaled by any other state. And such cauliflower is rarely seen anywhere. It was grown in the cool air of the extreme western part of the state, on the crest of the Alleghany mountain ridge. I had some cooked at my boarding house, and it was delicious.

Virginia is exhibiting at home and, of course, has the advantage in distance. Nearly the entire fruit show from this state has been and is of apples from cold storage. Of course, the old and celebrated variety that the Virginians persist in calling Albemarle Pippin is shown very prominently. Its true name is Yellow Newtown, and under this it is grown in other sections very profitably, especially on the Pacific coast. Some of the Winesap and York Imperial have been shown very excellently. Its large, well colored and in perfect condition when placed on the tables. The same is true of some other varieties of the apple shown. It is to be regretted that there have not been shown many other kinds of fruits, especially those of the current season, but there have only been a few figs and grapes up to the lower part of the colon and the appendix become involved.

Emerald Gem cantaloupes were of the tree in growth and bearing. Jefferis is purest type and highest quality. There is no other variety of this vegetable that is quite equal to it in rich flavor, so far as I know. The Kleckly watermelon is as I tested it in this exhibit seemed to be almost without an equal in quality. These two choice varieties should be in every family list.

There have been creditable fruit and vegetable shows from several other states, among which are Connecticut, North Carolina, Georgia and Oklahoma. There are several railroad exhibits in which fruits and vegetables have been shown from several states. The Norfolk & Southern has excelled in melons and figs from Virginia. The Seaboard Air Line and Atlantic Coast Line have a great variety and extending as far as southern Florida. The display of Smooth Cayenne pineapple by the latter from Puerto Gorda, Florida, has been continuous and exceedingly fine. The flavor of this fruit as I have often tested it and called others to assist has had a marked effect in elevating the standard of quality in pineapples several degrees in the opinion of some who thought they already had it high enough. One reason is that they are usually eaten before fully ripe. A pineapple should be soft and tender before it is eaten and this may not be possible if it has been taken from the plant too soon, which is often done.

The Southern Railway has maintained a most creditable display of apples from cold storage during the entire time of the exposition, although not so extensive as some of the other exhibits.

Answers to Inquiries.

Several of my neighbors and myself are intending to plant orchards before it is too late another spring and we are not sure whether it is best to set them this fall or wait until spring. Our climate is reasonably mild, yet we have some very cold weather at times. How should the planting be done?—A. L. B., central New Jersey.

Reply.—Nothing is said about what kind of fruits are to be planted, but it is supposed they are to be of apple, pear, peach, etc. It makes some difference about this, for all kinds of fruit trees are not equally hardy nor will they all endure transplanting in the fall with

equal success. The climate of central New Jersey is about right for fall planting of nearly all kinds of fruits. About apple, pear and quince trees there is no doubt, but the winter might be such that peach, plum and cherry trees would not fare as well.

In planting, the trees should be set as early after the leaves fall as they can be got, but I would not want them stripped when the leaves were immature to hasten the planting. If they are about ready to fall it does not hurt to strip them off. The earlier the planting is done the better the chance for wintering safely; because the rootlets will start out before cold weather if they have time, and it does not require many weeks to do it. It is necessary that the cut places on the roots should heal over before rootlets can start out to replace those that were cut away, therefore, the greatest care should be used to compact the soil about them and restore the conditions to as near their natural state as is possible. The tops should be cut back severely to shorten the evaporating surface; for the drying influences of the air, especially when very cold are very trying to newly set trees. They do not have the vital connection with the soil moisture that others do.

In all regions where the climate in winter is not very severe nor very changeable I would say that fall planting is advisable. Where this not the case I would not advise it, but to plant in springtime. The prairie states are generally of this latter character. There I would advise getting the trees in the fall and heeling them in well until early spring, when planting should be done. This makes it sure about having the trees on hand when the first opportunity offers in the spring. Some of the most successful planting I ever did was in Kansas after this plan.

In heeling in trees for winter the greatest pains must be taken to put them in the ground so that they will not be damaged. I would trim them back ready for planting, which for apple and pear trees would be to cut the branches to about half their length, and for peach and other stone fruits to mere straight stubs not over two feet high. All bundles should be cut open at the start and

Continued on page 15.

The "Yell-Oh" Man And One of His Ways.

To call a man a liar seems rude, so we will let the reader select his own term.

Sometime ago the Manager of "Collier's Weekly" got very cross with us because we would not continue to advertise in his paper.

We have occasionally been attacked by editors who have tried to force us to advertise in their papers at their own prices, and, on their own conditions, falling in which we were to be attacked through their editorial columns. The reader can fit a name to that tribe.

We had understood that the editor of "Collier's" was a wild cat of the Sinclair "jungle bungle" type, a person with curdled gray matter, but it seems strange that the owners would descend to using their editorial columns, yellow as they are, for such rank out and out falsehoods as appear in their issue of July 27th, where the editor goes out of his way to attack us, and the reason will appear tolerably clear to any reader who understands the venom behind it.

We quote in part as follows:—"One widely circulated paragraph labors to induce the impression that Grape-Nuts will obviate the necessity of an operation in appendicitis. This is lying, and, potentially, deadly lying. Similarly, Postum continually makes reference to the endorsements of "a distinguished physician" or "a prominent health official" persons as mythical doubtless, as they are mysterious.

We do not hesitate to reproduce these mendacious falsehoods in order that it may be made clear to the public what the facts are, and to nail the liar up so that people may have a look at him. If this poor clown knew what produced appendicitis, he might have some knowledge of why the use of Grape-Nuts would prevent it. Let it be understood that appendicitis results from long continued disturbance in the intestines, caused primarily by undigested food, and chiefly by undigested starchy food, such as white bread, potatoes, rice, partly cooked cereals, and such. These lie in the warmth and moisture of the bowels in an undigested state, and decay, generating gases, and irritating the mucous surfaces until, under such conditions, the lower part of the

Disease sets up, and frequently, of a form known as appendicitis.

Now then, Grape-Nuts foods was made by Mr. C. W. Post, after he had an attack of appendicitis, and required some food in which the starch was predigested. No such food existed; from his knowledge of dietetics he perfected the food; made it primarily for his own use, and afterwards introduced it to the public. In this food the starch is transformed by moisture and long-time cooking into a form of sugar, which is easily digested and does not decay in the intestines. It is a practical certainty that when a man has approaching symptoms of appendicitis, the attack can be avoided by discontinuing all food except Grape-Nuts, and by properly washing out the intestines. Most physicians are now acquainted with the facts, and will verify the statement.

Of course, this is all news, and should be an education to the person who writes the editorials for "Collier's," and who should take at least some training before he undertakes to write for the public.

Now as to the references to "a distinguished physician" or "a prominent health official" being "mythical persons." We are here to wager "Collier's Weekly," or any other skeptic or liar, any amount of money they care to name, and which they will cover, that we will produce proof to any Board of Investigators that we have never yet published an advertisement announcing the opinion of a prominent physician or health official on Postum or Grape Nuts, when we did not have the actual letter in our possession. It can be easily understood that many prominent physicians dislike to have their names made public in reference to any article whatsoever; they have their own reasons, and we respect those reasons, but we never make mention of endorsements unless we have the actual endorsement, and that statement we will back with any amount of money called for.

When a journal wilfully prostitutes its columns, to try and harm a reputable manufacturer in an effort to force him to advertise, it is time the public knew the facts. The owner or editor of "Collier's Weekly" cannot force money from us by such methods.

POSTUM CEREAL CO., Ltd.

The Bells of Autumn.

Farewell to the woodland, the mountains, the shore,
To the frolicking waves with their tumult and roar;
One last lingering glance at their gem-be-decked foam,
For the bells of September are ringing "Come home."

The witches of autumn are weaving their spell,
And keen blows the breeze over hilltop and dell;
While soft on its pinions, borne lightly along,
Are heard the faint notes of the harvesters' song.

Their emblems of royalty, purple and gold,
The asters and golden-rod gaily unfold,
And the woodbine is donning her loveliest hue,
But playtime is o'er—we must bid them adieu.

The school-bells are ringing—each bright little man
Seems proud of the coating of sunburn and tan,
And wee frocks are lengthened when summer has flown.
As we marvel to see how the girlies have grown.

Ring! bells of September, your merriest peal,
Though deep in the midst of our pleasures you steal;
We find, as our wandering steps you recall,
Our greatest of blessings is home, after all.—Katherine L. Danher in "Leslie's Weekly."

Bartlett Pears \$3.00 a Basket.

Written for Green's Fruit Grower by E. E. Hale.

During the Civil War I was keeping a grocery at Rochester, N. Y., says a subscriber to Green's Fruit Grower. "One day a man called at the grocery, attracted by a barrel of fine Bartlett pears which was standing outside the door.

"What is the price of those Bartletts?" he asked.

"Seventeen dollars a barrel," I answered.

"Isn't that a pretty high price?"

"Yes, but the pears are extra quality." He bought the pears at the price asked without further comments.

The next day a farmer came into the store with a basket of the finest Bartlett pears I had ever seen, and I have been buying pears for many years in this, the greatest fruit section of the world. These pears were not only of very large size, but they were uniformly large and free from blemish of any kind, and the basket was new and clean.

"What will you give for this basket of pears?" asked the plain unpretentious farmer.

"What do you ask for the pears?" I replied.

"Three dollars."

"Isn't that a pretty good price?"

"Yes, but they are good pears."

I bought these pears, paying the price asked. On the same day a man who kept a fruit stand on the corner of the main street dropped in and asked the price of this basket of pears.

"Five dollars," I replied.

"That is a pretty high price."

"Yes, it is a high price, but I want to ask you if you ever saw such a basket of Bartlett pears before?"

He replied that they were the finest pears he had ever seen. He paid me five dollars for the basket. I afterwards found that he was selling those same pears on the street for twenty-five cents each.

Bartlett pears are not worth so much to-day as they were during the Civil War, but here is an illustration of the fact that buyers appreciate quality. Such pears as the basket and barrel alluded to are not grown by chance. The soil where these pears were produced was not lacking in fertility. The Bartlett pear almost invariably overbears, therefore the trees that bore this fruit must have been thinned judiciously of the surplus fruit. Then good, clean, attractive packages were used and none but the finest specimens were offered for sale. It is folly to mix big specimens with small ones. Often the large pears all of uniform size will bring more money if the smaller ones are left out than if the small ones were included in the package.

No one can doubt that great care and skill in growing and marketing fruit is profitable, when you consider the fact that the fruit growers of California are sending such fruit to New York city and other eastern localities, paying high freight rates and high commission and still make money.

Memory.—This gentleman, who is about to retire with a fortune due largely to his excellent memory, his art of never forgetting, had in all probability forgotten that in the human brain there are 600,000,000 nerve cells, which may be said to resemble boxes in the vault of a safe deposit company. As a rule, they can be unlocked at will, and their contents used, only to be returned again with an added security, representing a mental investment. A busy man can stow away many thoughts in 600,000,000 cells.—"Tip" in New York "Press."

Mark Twain's Story.

A poor man each Sunday took up the collection in the church. His wife told him that he should get a new suit of clothes made since the old ones were threadbare. He forgot to order the clothes made but on Saturday remembered and went into a ready made clothing store, bought a suit of clothes and took them home with him so that he would have them to wear at church the next Sunday. But it was found that the sleeves of the coat and the legs of the trousers were too long. He pleaded with his wife that she should shorten the sleeves and the trousers legs, but she told him that it was his own fault, that she had plenty to do and would not bother with him.

Her daughter after supper, unknown to anyone, brought out the garments and took an inch and a half off of each sleeve and an inch and a half off of each trouser leg. Later on the mother-in-law decided that her daughter had not treated her husband as kindly as she should, therefore she went to the clothes press and took down the clothes and cut off an inch and a half from each sleeve and an inch and a half from each trouser leg.

Later at night when all of the family had gone to bed the wife, remembering the many good characteristics of her husband, relented and determined to make amends, therefore she found where her husband had placed the new ready made suit and removing them quietly to a secluded room cut off an inch and a half from the sleeves of the coat and an inch and a half from the legs of the trousers, after which she stitched up the openings carefully, pressed the coat sleeves and trousers legs and placed them back where they formerly hung.

The next morning the good man dressed himself in his new suit preparatory to going to church and found to his horror that something remarkable had happened to his clothes during the interval. After the matter had been explained by members of the family, he pointed out to them that the act of each was creditable in itself, and that there should have been greater unity of action between the three reformers.

Apostrophe on Water.

By John B. Gough.

"There is no poison in the cup. No fiendish spirit dwells beneath those crystal drops to lure you and me and all of us to ruin; no spectral shadows play upon its waveless surface. No widow's groans or orphan's tears rise to God from those placid fountains. Misery, crime, wretchedness, woe, want and rags come not within the hallowed precincts where cold water reigns supreme. Pure now, as when it left its native heaven, giving vigor to our youth, strength to our manhood, and solace to our old age, cold water is beautiful and bright and pure everywhere. In the moonlight fountains and the sunny rills; in the warbling brook and the giant river, in the deep tangled wildwood and the cataract's spray; in the hand of beauty and the lips of manhood—cold water is beautiful everywhere."

Then follows the execration of rum:

"There is a poison in the cup whose sting is madness and whose embrace is death. There dwells beneath that smiling surface a fiendish spirit which for centuries has been wandering over the earth, carrying on a war of desolation and destruction against mankind, blighting and mildewing the noblest affections of the heart, and corrupting with its foul breath the tide of human life. Gaze on it! But shudder as you gaze. Those sparkling drops are murder in disguise, so quiet now; yet widow's groans and orphans' tears and maniac yells are in that cup. The worm that dieth not and the fire that is not quenched are in that cup. Peace and hope and love and truth dwell not within that fiery circle where dwells that desolating monster which men call rum. Corrupt now as when it left its native hell, giving fire to the eye, madness to the brain and ruin to the soul. Rum is vile and deadly and accursed everywhere."

Righteous Indignation.—"Tell you how it was," said a certain prominent citizen of the Arkansas neighborhood of Gobbler Scratch. "I believe, with the Scripters, that a man that strikes a woman except in anger is worse than an infidel; but when I found that my wife had given all the milk to the baby that I'd brought in for the pup, I reproached the lady with a bed-slat. Dad-fetch it!—you know yourself that a child can scuffle along 'most any-which-a-way, but a coon-dog pup has got to be handled like thin glass if you want him to amount to anything!"—"Puck."

The very best use you can make of life is to use it in striving for the best there is in life.

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IF YOU WANT OUR \$2.59 OR \$2.89 SINGLE BREECH LOADING GUN, as illustrated and described above, enclose our price, either \$2.59 or \$2.89 (we especially recommend if you order our New England gun that you enclose \$2.89) and get the gun with the positive automatic ejector; we will then send the gun to you with the understanding and agreement that you can give it thirty days' free trial, during which time you can put it to every possible test, and if you are not perfectly satisfied with your purchase, if you are not satisfied it is the equal of any gun you can buy elsewhere at \$5.00 to \$7.00, you can return the gun to us at our expense and we will immediately refund you the \$1.00. **OUR \$2.89 AUTOMATIC SHELL EJECTING NEW ENGLAND GUN**, AS ILLUSTRATED ABOVE, is made for under contract, and is far better than single guns that sell generally at \$5.00 to \$8.00; but in your own interest, to get the best single barrel gun made in the world, **AND THE GREATEST SINGLE GUN VALUE EVER OFFERED, WE ESPECIALLY URGE THAT YOU SEND US AN ORDER FOR OUR \$7.95 AUBREY GUN CATALOGUE FREE**. Our Catalogue. On a postal card or in a letter to us simply state that you want your free Gun Catalogue, and our latest catalogue of shotguns, rifles, revolvers and all kinds of sporting goods will be published, values never before known. Hammerless breech loading shotguns at \$8.95 and up, double barrel breech loading shotguns at \$6.75 and up, rifles at \$1.98 and up, fine five-shot .32 and 38-caliber automatic shell ejecting revolvers at \$2.95, ammunition and cartridges at about one-half what others charge; wonderful free offers, special privileges, special promotions, heretofore unheard of opportunities, all shown in our latest free Gun Catalogue; so if you don't order one of the guns shown in this great Sears, Roebuck & Co., Chicago offer, don't fail to write for our free Gun Catalogue. Address, SEARS, ROEBUCK & CO., CHICAGO.

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75c. Knife and 60c. Shears for \$1 postpaid. Every M. & G. blade is hand-forged from razor steel, file tested, warranted. This cut is exact size of 75c. strong knife. To start you we will send you one for 48c.; a for \$2. postpaid. Best 7-inch shears, 60c.

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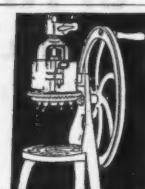
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WHITE WYANDOTTE

Is one of the handsomest fowls known; large size, good layers, and highly prized for its meat. The New York markets will, in time, fully appreciate the value of the Wyandotte for its delicacy on the table of the epicure. It will be noticed that no breed has all the good qualities, therefore, if we want all the good qualities, we must have more than one breed; but surely no one can make a mistake in breeding the White Wyandotte, considering their beauty, egg laying propensities, and desirability in markets of the world.

SINGLE COMB BROWN LEGHORNS

The Popular Leghorn.—The acknowledged queen of the practical egg laying breeds is the Leghorn, when judged by the standard of the greatest number of marketable eggs produced at least cost. Not only are the hens persistent layers, but they are extremely active foragers and waste no time in setting. Like a good milch cow they put little fat upon their bones, but devote all surplus nourishment to steady production. They eat less than the heavy breeds, but whatever they consume is put to good purpose. Price of B. P. Rocks, White Wyandottes, and S. C. Brown Leghorns, all one price.

PRICE OF BIRDS OF ALL BREEDS: Cockerels, \$2.00, \$3.00, and \$5.00 each; Pulletts, \$2.00, \$2.50, and \$3.00 each; Tries, \$6.00, \$8.00, and \$10.00. We ship no cull birds. The lowest priced birds offered are standard breed, practically as good for breeding purposes as the higher priced birds. The \$5.00 birds offered are the pick from the flock containing the largest percentage of standard points and therefore commanding a higher price since it makes them eligible for show purposes.

PRICE OF EGGS FOR HATCHING FOR ALL BREEDS: From good breeding pens \$1.00 per 13; from best breeding pens, \$2.00 per 13. While we do not guarantee the fertility of our eggs we are willing to replace all settings from which the purchasers receive less than six chicks, at half the price paid.

GREEN'S NURSERY COMPANY, Rochester, N. Y.



The Bourbon Red Turkey.

Editor Green's Fruit Grower: After years of experience with turkeys I find the Bourbon Red to be the most profitable to raise as they are not so susceptible to disease as are other breeds, hence, practically assuring the owner of a large number of birds. Their domestic nature makes the work much easier as they do not wander away but always come home to roost unless forced away. Their color is a beautiful dark red with white feathers in wings and tail; they are greatly admired for their beautiful form and plumage. We find a more ready sale for them than other breeds raised on account of their full breast, rich color of flesh and skin, also the fine flavor.

Wyandottes.

After varied experience I have come to the conclusion that the Wyandotte is the most profitable fowl for me to raise—the Silver's the most beautiful plumage. I have experimented with different varieties of pure breeds and find the Silver's grow faster and are ready for market sooner than any other. Fancy markets also pay a higher price for these birds. They are extremely hardy and long lived; they forage equal to the Leghorn and produce almost as many eggs. They weigh from seven to eight pounds, make good mothers, but are not persistent setters. Our flock of 200 hens have cleared us \$25.00 per month up to the present time and expect to realize more from now on. I have decided they are the farmer's chicken. They endure the severe winters better than most breeds. They have a low close fitting comb which does not freeze thus making them fine winter layers.—Annie Tipton, Missouri.

Poultry Notes.

It takes about three months to grow a broiler.

No brooder pen should contain over fifty chicks.

Broilers shrink about half a pound each when dressed.

The shell of an egg contains about 50 grains of salt of lime.

Forty dressed ducklings are packed in a barrel for shipment.

From thirty-five to forty ducks and drakes are allowed in a pen.

The duck averages ten dozen eggs in about seven months' laying.

Ducklings are marketed at five pounds weight, which they should attain in ten weeks.

Ten dozen eggs a year is the average estimate given as the production of the hen.

About four dozen eggs are given as an average for the annual output of the turkey.

Duck feathers sell at 40 cents per pound. Goose feathers bring double the amount.

Eggs intended for hatching should not be kept over four weeks. They must be turned every day or two.

It will require seven pounds of skim milk to equal one pound of lean beef for flesh-forming qualities.

One dollar per head is the average cost of keeping a fowl a year, and the same amount is a fair estimate of the profits.

The hen oftenest in mischief is frequently the best layer in the flock.

No man can raise poultry and produce eggs at so low a cost as the farmer.

Put a few tobacco stems in the nest of setting hens. It will drive away the lice.

If your chickens need charcoal, burn corn for them. It is the best for the purpose.

You can lose a valuable customer by allowing just one bad egg to get into the basket.

The Hen and Her Nest.

Many claim that the nest should be on the ground; but all claims that hens should have their nests on the moist ground are unsupported by facts.

What is required for the hen in winter is a snug, warm location; while in summer she should have a cool place.

The best material for a nest is dry earth on the bottom, with chopped hay over the earth.

Then dust the nest, hen and eggs with a good insect powder, and put a small quantity of tobacco refuse in the nest.

Should an egg be broken, or the nest become foul, clean it out thoroughly. The broken egg will cause lice quicker than anything else.

But first see that the hen has no lice, then give her good eggs and she will bring off a brood if she has a warm and comfortable nest.

The nest should be made movable, so that it can be taken outside for cleaning, and it should never be placed where any of the fowls can roost upon it, or cause it to become filthy.

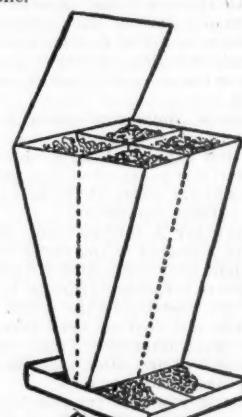
It should never be so high as to compel effort to reach it. The large breeds will prefer to lay on the ground rather than attempt to reach a high nest, even when a footway is provided.

Some hens learn to fly over a fence by first learning to reach a high nest.

Never have the nest so constructed that the hen must jump down into it, as broken eggs will be the consequence. Rather place the entrance so as to permit her to walk in upon the eggs.

A Self Feeder.

I have found that Biddy likes to be able to help herself to certain portions of her ration, just when the notion strikes here and in such amounts as suit her taste or need instead of having it doled out to her at uncertain intervals. So to please her, to say nothing of the trouble it saves me in giving her these things when I think, but am not quite sure, that she wants or ought to have them, I made a compartment self feeder like the one shown in the accompanying cut, in which are placed separately two grades of grit, fine and coarse, cracked oyster shell and fine cut bone.



This one was so well patronized, and the condition of the flock seemed to be so much improved, that I have since made a number of them, so that now there is one accessible to each pen of fowls. It did not seem to take them long to learn on which side they would find the particular brand of hardware that they wanted, and there is hardly a time through the day that one or more may not be found picking up from the different pans with evident satisfaction, remarks a writer in "Farm and Fireside."

How to Preserve Eggs for Winter.

There are many ways of preserving eggs, water glass being now very largely used for the purpose. The following, however, is a very satisfactory method of doing so: Take the eggs when newly laid and place them with the small end downward exactly perpendicular in a board perforated with holes for the purpose. It should be, say, two feet by one foot six inches and have the legs five inches long, says "Woman's Life." This will enable them to be piled one upon another to any extent as they are filled. Eggs thus put in fresh from the nests late in the fall will keep till winter as good as fresh ones not only for cooking, but eating. If you desire to be certain that your eggs are good and fresh put them in water. If the butts turn up they are not fresh. This is an infallible rule for testing eggs.—Ex.

Do you know that you can train a hen to be a poor layer?

Do you know that she can and will keep her eggs when ready to lay for a whole day?

If this condition is allowed to continue she may and probably will lay fewer and fewer eggs, finally becoming an indifferent layer, hence the necessity of having plenty of clean, comfortable nests.

Did you ever notice how shvly the young pullet will go about looking for a secret place where she may stealthily deposit her precious eggs?

If there is an insufficient number of nests, or if they are unclean, or too much exposed she is likely, after some delay, to lay the egg on the floor and among the other hens, which may lead to egg eating.

Comfort is one of the essentials of egg production, and what is more necessary than handy, clean and comfortable nests?

has no lice, and she will be warm and

movable, so far for clean- placed where upon it,

as to compel large breeds sound rather than nest, even. I ever a fence high nest. constructed down into it, consequence. So as to per- eggs.

Ilkles to be gain portions of the notion amounts as head of hav- uncertain in- to say nothing in giving back, but am- parts or ought compartment own in the are placed it, fine and and fine

Warranted to Give Satisfaction.

Gombault's Caustic Balsam



Has Imitators But No Competitors.

4 Safe, Speedy and Positive Cure for Curb, Splint, Sweeny, Capped Hock, Strained Tendons, Founder, Wind Puff, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a Human Remedy for Rheumatism, Sprains, Bone Throat, etc., it is invaluable. Every bottle of *Caustic Balsam* sold is Warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

The Lawrence-Williams Co., Cleveland, O.

Please mention Green's Fruit Grower.

Farm & Poultry FENCE
Many styles and heights. Diamond or Square Mesh; prices low. Solid direction 50 days free trial, freight prepaid. Catalogue free.
KITSELMAN BROS. Box 200, Muncie, Ind.

TOOLS FOR CAPONIZING FOWLS

FOR SALE, with full instructions for their use. Address,

GREEN'S NURSERY CO., Rochester, N. Y.

LIGHTNING WHITEWASH SPRAYER
No. 28.—Whitewash your poultry houses and stables rapidly. Kills ice. Spraying trees kills San Jose Scale. Double action pump. Sprays hens. Brass nozzle. Brass valves. Brass nozzles, ball valves. All brass. \$3.50; Galvanized Iron, \$2.50. Cash with order. Express paid. Agents wanted. D. B. SMITH & CO., UTICA, N. Y.

O.K. ROUP REMEDY

A guaranteed Remedy for Roup, Colds, Canker, and Catarrh. Will reduce Swelled Head and Eyes in a short time. Save loss by its use. Mailed, postpaid, for 50 cents. THE O. K. STOCK FOOD CO., 636 Monroe Building, Chicago, Ill.

SPRAY PUMPS

TAKE OFF YOUR HAT TO THE MYERS'

The Pump that pumps every drop that will flow. The cheapest pump, that's a Myers. Pumps, Hay Tools & Barn Door Hangers. Send for catalog and prices.

F. E. Myers & Bro., Ashland, Ohio.

EXCELL IRON ROOFING and STEEL & SIDING

Direct to You from our own factory at lowest factory prices. We are manufacturers and handle no 2nd hand nor shoddy length stuff. Every part of roofing and siding is made in our factory from genuine structural iron. Double Refined Puddled Iron Sheet. Put on the kind of roof that wears. Ours is guaranteed. It isn't the best you can buy anywhere, don't pay for it. Easy to lay, no experience needed. Tell us about your building needs. Write for factory prices. Write for Metal Goods Catalog No. 15. It is free.

THE UNITED FACTORIES CO., Cleveland, Ohio.

FOR 10cts
3 Large Bulbs
GARDEN SACRED LILY
These will make the most beautiful and fragrant pot of flowers for winter. Of rapid growth, hardy and frost-proof, sure to bloom. Flowers in clusters, very large, golden yellow and very sweet. May also be planted in the ground for early spring bloom ing.

Three big Bulbs. Booklet on Bulbs for Winter Blooming, and Catalog, all postpaid, 10cts. 7 Bulbs, 25cts; 15 for 40cts.

Free—Illustrated Catalog of Hyacinths, Tulips, Narcissus, Crocus, Lilies and all Hardy or Holland Bulbs, and new winter-flowering plants.

JOHN LEWIS CHILDS, Floral Park, N. Y.

20 Giant mixed Freesias. 10cts
20 Mixed Winter-fl. Oxalis. 10cts

The Value of Hen Manure.

Hen dung is very rich in nitrogen and phosphoric acid, says "American Cultivator." It also contains a considerable amount of potash. The following tabular statement shows the average of the fertilizing elements contained in hen dung, as compared with other important farm-yard manures:

Manures—	Nitrogen.	Potash.	Acid.
Hen	1.63	0.65	1.54
Cow	0.34	0.40	0.16
Horse	0.58	0.53	0.28
Sheep	0.83	0.67	0.23
Hog	0.45	0.60	0.19

It is readily seen from this table that hen dung is by far superior to other manures, in that it contains a comparatively large amount of all the different plant foods.

But there is one evil associated with hen dung, inasmuch as it undergoes fermentation easily, thereby losing much of its nitrogen, unless proper precautions are taken to guard against this needless loss. This can easily be accomplished.

If the henhouse is cleaned out every day or week, it is necessary to thoroughly mix the manure with a good absorbent, and to pile it up in such a manner as to expose the least possible surface to the air.

Having thus provided for holding fertilizing elements of hen manure, it is useful also to point out that it should not be hauled on the land and spread unless it is at once turned under with the plow or mixed with the surface soil of plowed land with a cultivator before sowing or planting. This should be done every autumn and spring. It is important, however, not to apply the manure in great abundance to the soil in order to insure a not too rank growth of the plant.

About four or five tons to the acre is enough, especially if applied to the surface soil of plowed land. For garden purposes it may be applied a little thicker. Whoever will practice this method will find that the "insignificant stuff" pays well for the labor involved, and that it will prove itself a veritable little gold mine in disguise.

Nuggets.—Genius is inspiration. Talent is perspiration.

Do not measure your enjoyment by the amount of money spent in producing it. Education turns the wild sweetbrier into the queenly rose.

A vigorous initiative and strong self-faith make up the man of power.

Be sure that the honors you are striving for are not really dishonors.

What men get and do not earn is often a curse instead of a blessing.

You can purchase a man's labor, but you've got to cultivate his good will.

Ignorance itself is a disease, the deepest, most treacherous and damning malady of the soul.

Worry poisons the mind just as much as a deadly drug would poison the body, and just as surely.

While you stand deliberating which book your son shall read first, another boy has read both.

"Remember the fireside; there is the flag."

The man who owns enough of this world's goods to keep him from dirt, debt and hunger, has a thousand chances of avoiding evil against the one of the man whom the demon of discouragement drags through depths from which it is almost impossible to escape without severe demoralization of body, mind, and spirit.—Success.

President Roosevelt Makes Hay.

The telegraph despatches tell about President Roosevelt jumping on a load of hay at his summer home dressed in a white suit, and pitching it off so fast as to discourage the men who were mowing it away. The President perspired until his clothes were ruined, but he was all ready to attack the next load when it came along. It is strange that the men who mowed away the hay should complain, since President Roosevelt pricked the man on the platform only once with his pitchfork. We are informed that President Roosevelt has ordered and put up one of the F. E. Myer & Bros. (Ashland, O.) hay tool outfit at his Oyster Bay home. After the President gets these hay tools in working order, he will be relieved from the necessity of unloading hay with a pitchfork.

"Grandfather, how have you managed to retain your hopefulness and your faith in human nature?"

"My dear, I avoid modern fiction, never go to see a society drama, and read nothing in the newspapers that has a display head over it."

"Johnny—"Does the hen sit or set?" Ma—"I don't know or care, but when she cackles I want to know whether she's laying or lying."

No. 10
Price, \$3.00



ENTERPRISE

Meat and Food CHOPPER

It is really better to own an Enterprise Meat Chopper and cut your sausage meat easily, quickly and well, than to trust to a borrowed machine to "grind" it. The No. 5 Enterprise Chopper costs only \$2. No. 10, shown in cut, \$3. They are standard family sizes, and not only save half the work at butchering time, but are useful in the kitchen every day in the year. Enterprise Meat Choppers cut the meat with a revolving steel knife against a perforated steel cutting plate without crushing, and make tough meat tender. Easily cleaned, practically unbreakable, and will last for years. Made in 35 sizes and styles for Hand, Steam and Electric Power. We also make cheaper Food Choppers, but recommend the above for the reasons given. Illustrated Catalogue free.

Better To Own Than to Borrow

The Enterprise Sausage Stuffer is another indispensable machine when making sausage. It is also a perfect Lard and Fruit Press. Be sure the name "Enterprise" is on the machine you buy. Can be had at Hardware and General Stores, etc. Write for the "Enterprising Housekeeper," a book of 200 choice recipes and kitchen helps. Sent free.

THE ENTERPRISE MFG. CO. OF PA. 237 Dauphin St., Philadelphia, Pa.

LOFTIS SYSTEM Diamonds on Credit

YOU CAN EASILY OWN A DIAMOND OR A WATCH or present one as a gift to some loved one. Write for our large illustrated catalog today. Whatever you select from this beautiful catalog, we send on approval. Pay one-fifth on delivery, balance in 3 equal monthly payments. Old Reliable. Original Diamond and Watch Credit House

2000-2000, Dept. L, 724, 82 State St., Chicago, Ill.

Cooking as an Art.

Written for Green's Fruit Grower.

When we talk about the arts, we usually refer to statues, paintings or something of that kind, but why not consider cooking as an art? It is indeed one of the most valuable and helpful arts known to man. There are men so skilled in cooking they are able to refuse offers of \$10,000 per year, and the work which is offered them is light, requiring but a few hours each day. There are women so skilled in cooking they can get a position any day at a salary that would tempt a bank president. If the average woman appreciated how valuable her services could become if she were a thoroughly capable cook she would give more study and attention to this important subject. The noble is cooking does not satisfy the ambition of 'woman. The average woman looks down upon all kinds of kitchen work, considering it degrading, although she will not own that such are her sentiments. It will be a great day for the welfare of our country when our women change their ideas about the present estimation of domestic employment. One reason our kitchen help is so scarce is that kitchen work is looked upon as degrading. No wonder a young girl is not satisfied to spend the best years of her life in a kitchen if it is going to disqualify her from being recognized at church or in society, or if it is going to prevent her from securing a worthy husband. Kitchen work is not degrading; it can be made elevating.

The Kind We Want.

Editor Green's Fruit Grower: Some of my neighbors have subscribed for story papers. These people are endeavoring to learn how to raise fruits and other farm crops at a profit. I wonder that they do not take some such helpful paper as Green's Fruit Grower rather than these story papers. The really live and up-to-date farmer and fruit grower of the present day will not be satisfied with story papers. Good stories are all right enough in their place but what the farmer and fruit grower need is instructions about the crops which they cultivate rather than stories.

I like the cover of Green's Fruit Grower and think it in harmony with the name and character of your publication. The color enables us to distinguish Green's Fruit Grower at once among other publications, even before it is unwrapped. We all like old Mr. Nutmeg and look the paper over to find him seated on the nail keg in his usual corner. I would not like to see any department of Green's Fruit Grower discontinued.

When we moved on to this farm we had no experience in country life. We subscribed for the best agricultural papers and commenced by raising small fruits for market in a locality where it was said that such fruits would not thrive. We have made a success of our experiment.—A Subscriber, Tygh Valley, Oreg.



Photograph of a calf taken by a lady clerk of Green's Fruit Grower during her vacation.

What the Frog Said.

Once I was a pollywog,
Now I am a bullfrog.
If I had a different head
And a tail,
Wouldn't I make a dandy whale?

—Clara W. Lynch.

KNOWS HOW

Doctor Had Been Over the Road.

When a doctor, who has been the victim of the coffee habit, cures himself by leaving off coffee and taking Postum Food Coffee, he knows something about what he is advising in that line.

A good old doctor in Ohio, who had at one time been the victim of the coffee habit, advised a woman to leave off coffee and take on Postum.

She suffered from indigestion and a weak and irregular heart and general nervous condition. She thought that it would be difficult to stop coffee abruptly. She says: "I had considerable hesitancy about making the change, one reason being that a friend of mine tried Postum and did not like it. The doctor, however, gave explicit directions that Postum must be boiled long enough to bring out the flavor and food value.

"His suggestions were carried out and the delicious beverage fascinated me, so that I hastened to inform my friend who had rejected Postum. She is now using it regularly, after she found that it could be made to taste good.

"I observed, a short time after starting Postum, a decided change in my nervous system. I could sleep soundly, and my brain was more active. My complexion became clear and rosy, whereas, it had been muddy and spotted before; in fact, all of the abnormal symptoms disappeared and I am now feeling perfectly well.

"Another friend was troubled in much the same manner as I, and she has recovered from her heart and stomach trouble by leaving off coffee and using Postum Food Coffee.

"I know of several others who have had much the same experience. It is only necessary that Postum be well boiled and it wins its own way."

"There's a Reason." Read "The Road to Wellville," in pkgs.

I SHIP DIRECT

FROM FACTORY
ON APPROVAL

Saving all middleman's profits. My new go page book will convince you that I can
SAVE YOU \$10 TO \$20

I have sold a half million dollar's worth of high-class steel ranges. Your money refunded after **SIX MONTHS' TRIAL**

If Clapp's Ideal Steel Range does not prove in every way better than others. My superior location on Lake Erie where iron, steel, coal, freights and skilled labor are cheapest and best, enables me to furnish a TOP NOTCH Steel Range at the price you would pay at home for an ordinary stove. Send for free catalogues of 45 styles and sizes, with or without reservoir, for farm, residence or hotel use.

CHESTER D. CLAPP, 205 Lynn St., Toledo, O.

**MR. FRUIT GROWER
AND MR. GARDENER**

Put your soil away this Fall with a liberal application of



**Shredded Cattle Manure
IN BAGS**

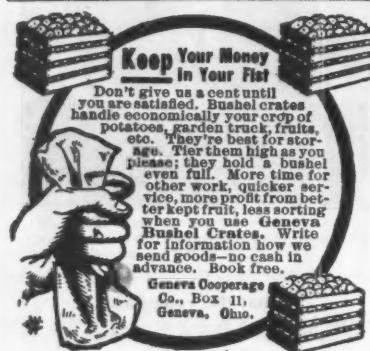
Replace the elements exhausted in producing this year's crop.

Give your soil an ample supply of humus and furnish Nitrogen Phosphoric Acid and Potash to push the plant growth ahead of your neighbors, and you will be astonished at the results.

Ask for our descriptive circular.

SPECIAL PRICE for immediate shipment
\$12 per Ton F. O. B. Chicago
It insures big results next season.

THE PULVERIZED MANURE CO.
27 Exchange Ave., Union Stock Yards
Chicago



Cutaway Tools for Large Hay Crops



Cuts a track 5 feet wide, one foot deep. Will plow a new cut forest. His double action Cutaway Harrow keeps land steady, moves 1,800 tons of earth, cuts 30 acres a day.



Jointed pole takes all weight off horses and keeps their heels away from the diaks.

His Rev. Disk Plow cuts a furrow 5 to 10 inches deep, 14 inches wide. All CLARK'S machines will kill witch grass, wild mustard, charlock, hardhack, sunflower, milkweed, thistle, or any foul plant. Send for circulars.

Cutaway Harrow Co., 18 Main St., Higganum, Conn.



CIDER MAKERS' MACHINERY

Best and cheapest. Send for catalogue.

BOOMER & BOERNERT PRESS CO.,
347 West Water St., BERKELEY, ILL.



SAFELY BY MAIL, EXPRESS, OR BY FREIGHT

Now is the time to send in your order for fall planting. Send for free catalogue of plants, vines and trees.

GREEN'S NURSERY CO., Rochester, N. Y.

Heaven.
Written for Green's Fruit Grower by William Stephens.

I dream now that a heaven lies Beyond this life, beyond the skies, But this I know, if we would faint To heavenly happiness attain. We must begin right here and now With willing hands, to "guide the plow," And if, at times, the furrow swerves To double back and straighten the curves.

The future, more or less, reflects The present's good or bad effects; And if we overlook the chance To make a heaven in advance, 'Tis certain that we'll never gain The glorious heights our dreams attain, To that great realm of hope that lies Beyond the clouds, beyond the skies.

A Bit of Experience.

Written for Green's Fruit Grower.

Now, my dear sisters, a word to you. Doubtless you have all seen and heard the oft repeated question, "How can a farmer's wife earn money at home?" Let me tell you how one woman did it, and that woman myself.

First: I never found fault, as I have heard some do, because the publishers used so much space for advertising matter. Instead I have taken a deep interest in the advertisements for they have paid me well, though not always in money.

My first attempt was made several years ago when there appeared in one of our papers a print of two children surrounded by toys sitting on a bed. A beautiful silk plush album with the inscription "Our Friends" on the front cover, was offered as a prize to the one who would write the best story about

paper that comes into the house to see if there is anything of interest to me. Try it, my sisters—read the advertisements instead of begrudging the space they occupy. If you wish to improve your flock of poultry or farm stock there is no better medium than through the advertising columns of your farm journal.—A Subscriber, Jennie M. Wilson, Mears.

We Do Not Know.—The more we know of any subject the less positive we are and the more we hesitate about making positive statements. A writer of moderate experience says, "We know that the difference in production of various localities is not so much a question of climate as of soil."

My reply to this statement is that we do not know that this is true as stated. Climate is a powerful factor in the production of fruit. The climate and temperature along the shore of Lake Ontario are such as to prevent late spring frosts, thus they often have large crops of peaches, apples, pears, apricots and other fruits, when orchards 12 or more miles distant from the lake more fertile than that near the lake may have no fruit at all.

Again this writer says, "There is no reason why every apple tree in an orchard of proper age and size should not be made to yield at least 10 bushels of fruit to the tree, and yield it every year if supplied with the proper nourishment and has good care given it." I do not agree with this statement of our friend, for there are many localities where fruit trees would not bear largely of fine fruit



THE SOD HOUSE.

"Some of our eastern friends think that the 'Sod Shanty on the Plains' is next to a coyote's den to live in, but on the contrary some of them are beautiful homes. The one shown above was plastered from top to bottom, its walls were white and clean. The sod house is rapidly giving way to comfortable frame houses, and in some places to terra-cotta or brick ones, which are gaining many friends."—E. D. Stillman.

this picture. I resolved to enter the contest—sent my story and won the prize.

Next I saw an article offering a prize to the one who would give the best answer to the question, "What is education?" I entered this contest and again won. Later an ad appeared in one of our local papers, by one of our merchants, offering a beautiful \$9.00 hanging lamp as a prize to the one who would write the best advertisement for his store. Several competed, but again I was the lucky one. Being so successful encouraged me to compete for larger prizes and I won a \$15.00 cash prize offered by the Horticultural Society of Northern Illinois for the best essay on "Why and how should Horticulture be taught in our Rural Schools."

Next I noticed an ad in one of our farm papers offering a \$55.95 top buggy for the best answer to the question, "Why are certain buggies and harness better than gold?" Again I was the lucky competitor and am still enjoying the buggy which came according to advertisement and which could not have been too highly spoken of by any contestant. The second best answer won a harness.

Later we had put down a tubular well and before a wind-mill was procured the "good man" was taken sick and we had a big job of pumping on our hands, as the well was 172 feet deep. Again the advertising columns proved worth reading, for I noticed an ad where a wind-mill was offered as a premium for the largest list of subscribers to one of our farm journals. If my memory serves me right I think I sent in 120 names, but be that as it may, the wind-mill came. It was a good one.

In thus giving my experience I would not have you think that I always succeed, far from it. I venture to say that should I write of my failures you would get a longer chapter than this, as I have failed many times, yet I follow the advice of that well-known old maxim, "Try, try again." I look over the ads of every

no matter how much care or nourishment the trees received. There are some localities too far north to produce good fruit, and there are other localities too far south for hardy fruits like the apple and pear.

Power of Plants.

The amount of water which a tree pumps out of the ground for its own use is simply enormous. The botanist Scott declares that a birch tree draws its own weight of water in a single spring. All this huge amount of fluid rises to the leaves and is given off by them into the air.

Everyone must have noticed how a growing tree will burst a stone or brick wall, however well mortared. An ash trunk has been known to raise a boulder weighing three-quarters of a ton. The strength of trees having hard, woody trunks is not so wonderful; what is surprising is the force which a soft vegetable can exert during its period of growth.

Even such humble growths as the fungi can and do exercise a Samson-like strength. The ordinary cellular fungus will lift large slabs of stone flooring, and has been known to burst through an inch of solid asphalt.

Don't think a fancy umbrella handle turns the rain.

Don't worry yourself and others with what can't be remedied.

Don't think a standing army isn't made to lay down occasionally.

Don't attempt to stack the cards on a man who is hard to deal with.

Don't attempt to play "Hamlet" unless you have at least a ghost of a show.

Don't think because brevity is the soul of wit that curtness embodies it.

Don't think the woman who poses as a man-hater can't be induced to change her name.

Don't be too sure it's a compliment if told you sing like a bird. The screech owl is a bird.



**Only the Rich
Can Afford
Poor Paint**

If one is rich enough to repaint his buildings every year for the pleasure of having a change of color scheme, the quality of the paint used may cut little figure. But if it is desirable to cut the painting bills down to the least amount possible per year, it is of the utmost importance that the paint be made of the purest of White Lead and the best of Linseed Oil. There are imitations—hosts of them—in the form of alleged White Lead, and there are substitutes—another long list—in the form of ready-prepared paints.

We guarantee our White Lead to be absolutely pure, and the Dutch Boy on the side of every keg is your safe-guard. Look for him.

SEND FOR BOOK

"A Talk on Paint" gives valuable information on the paint subject. Sent free upon request.

NATIONAL LEAD COMPANY

in whichever of the following cities is nearest you:

New York, Boston, Buffalo, Cleveland,
Cincinnati, Chicago, St. Louis, Philadelphia
(John T. Lewis & Bros. Co.) Pittsburgh
(National Lead & Oil Co.)



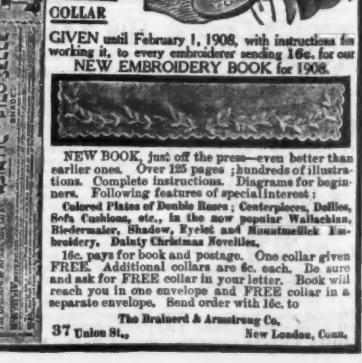
CARFF'S PLANTS

**Special Bargains
for Fall Buyers**

Try fall planting for a crop next season. Our Strawberries, Raspberries, Blackberries, Quince, Gooseberries, Grapes, etc., etc., planted in October and November are sure to grow and bear fruit. A circular full of fall-planting mailed free. A full line of trees, shrubs, vines, etc.

FREE—A nice currant bush mailed free to prospective buyers, as proof of the superior quality of our stock. Write today for catalog.

W. N. SCARFF,
NEW CARLISLE, OHIO



Given until February 1, 1908, with instructions for working it, to every embroiderer sending 16c. for our NEW EMBROIDERY BOOK for 1908.

Changing Varieties by Excessive Fertilization.

It has recently been discovered that, by excessively fertilizing the soil, varieties of fruits and vegetables may be permanently changed in character and quality. This reminds me of an incident which occurred many years ago, and which has been unaccountable until hearing of this new method of changing varieties. At the rear of my home was situated a poultry house and near it a poultry yard. The previous owner had kept large flocks of poultry in this house and yard for many years, thus the ground there was about as rich at it could possibly be made.

Close to one corner of the poultry yard thus enriched was standing an apple tree in full bearing, supposed to be a Baldwin. The roots of this apple tree extended into the poultry yard and also beneath the poultry house, thus this apple tree was over-fed to a remarkable degree.

The first year in this place, this apple tree bore heavily. The fruit was large and fine and had every appearance of being Baldwins. I placed a portion of these apples in a barrel in the cellar where they were overlooked until the next April, when I found them in perfect condition, more beautifully colored and of finer quality than I had ever seen before in the Baldwin. I have since propagated from the tree, which I called "Green's Baldwin" on account of its superior quality.

Now the question arises, is it not possible that the character of the fruit from this tree was changed by the over-fertilization of the soil in which the tree was growing?

New Philosophy for Men.

Men enjoy doing anything they don't have to do for a living.

Wise men miss a lot of real pleasure because they are not foolish.

Men enjoy farming—if, they have enough money to hire it done.

If you want a woman to do a certain thing, get her to say she won't.

Occasionally there is a man wise enough to think poetry without writing it.

It isn't difficult to size the average man up, but women are built so queerly it is impossible to get their actual measure.

Even a deaf man can hear money talk.

Men who make good use of their time have none to spare.

It takes a lot of courage on the part of a young man to tell a girl how pretty some other girl is.

One thing that makes a man admire a woman is his inability to guess what she will do next.

Somehow it's difficult for a man to believe that he is as good as he expects his wife to believe that he is.

An employer's value of a man's services never corresponds with the man's wife's estimate thereof.

The man who really knows a lot about women is usually willing to admit that he knows nothing.

PUTS THE "GINGER" IN**The Kind of Food Used by Athletes.**

A former college athlete, one of the long distance runners, began to lose his power of endurance. His experience with a change in food is interesting.

"While I was in training on the track athletic team, my daily "jogs" became a task, until after I was put on Grape-Nuts food for two meals a day. After using the Food for two weeks I felt like a new man. My digestion was perfect, nerves steady and I was full of energy.

"I trained for the mile and the half mile runs (those events which require so much endurance) and then the long daily 'jogs,' which before had been such a task, were clipped off with ease. I won both events.

"The Grape-Nuts food put me in perfect condition and gave me my 'ginger.' Not only was my physical condition made perfect, and my weight increased, but my mind was made clear and vigorous so that I could get out my studies in about half the time formerly required. Now most all of the University men use Grape-Nuts for they have learned its value, but I think my testimony will not be amiss and may perhaps help some one to learn how the best results can be obtained."

There's a reason for the effect of Grape-Nuts food on the human body and brain. The certain elements in wheat and barley are selected with special reference to their power for rebuilding the brain and nerve centers. The product is then carefully and scientifically prepared so as to make it easy of digestion. The physical and mental results are so apparent after two or three weeks' use as to produce a profound impression. Read "The Road to Wellville," in pkgs. "There's a reason."

**Novel Use for Old Ships.
An Organization for the Prevention of Consumption.**

There is an organization of this kind in the city of New York. Paul Kennedy is secretary. This committee or association of physicians is doing benevolent work in sending out literature intended to educate the people in regard to consumption, that dreaded disease which carries off more people than any other. Green's Fruit Grower has printed in past issues some of the literature sent out by this committee.

The last communication tells of the novel use of old ferry boats for consumptives, but the idea can be as well applied to ships of any kind, and possibly to canal boats if roofed over and made into a houselike boat.

When a ferry boat or other boat is too old to be used for the purpose for which it was made, it is used as a home for consumptives, who with their trained nurses can be towed, or steamed under its own power, out into some lake, river or seaport and anchored at an attractive point where consumptives can get pure air, sunshine and outdoor exercise, also fresh food, milk, eggs, etc., in abundance.

Where there is no such abandoned boat Green's Fruit Grower suggests that a houseboat be cheaply constructed for people suffering from this dread disease.

Bear in mind that medicine is not relied upon now to cure consumption. The best known remedy now is fresh air, outdoor exercise and plenty of pure, fresh food and fruits. If more information is desired write Paul Kennedy, secretary of the Committee for the Prevention of Tuberculosis, 125 East Twenty-second street, New York city, N. Y.

Mark Twain on the Ocean.

"Why, on board ship, one tires of the aspects in a couple of days and quits looking. The same vast circle of heaving humps is spread around you all the time, with you in the center of it and never gaining an inch on the horizon, so far as you can see; for variety, a flight of flying fish, mornings; a flock of porpoises throwing somersaults afternoons; a remote whale spouting, Sundays; occasional phosphorescent effects, nights; every other day a streak of black smoke trailing along under the horizon; on the one single red-letter day, the illustrious iceberg. I have seen that iceberg thirty-four times in thirty-seven voyages; it is always the same shape, it is always the same size, it always throws up the same old flash when the sun strikes it; you may set it on any New York doorstep of a June morning and lighten it up with mirror-flash, and I will engage to recognize it. It is artificial, and is provided and anchored out by the steamship companies. I used to like the sea, but I was young then, and could easily get excited over any kind of monotony, and keep it up till the monotones run out, if it was a fortnight."

Mosquitoes Four Feet Long.

It has been discovered of late that certain mosquitoes are the cause of yellow fever, malaria and other diseases by injecting germs of disease into the human body by their stings. Scientific men have made the mosquito a special study, and for this purpose have made models of mosquitoes enlarged 400,000 times. Thus we have now on exhibition in the Museum of Natural History in New York city mosquitoes represented in models each of which is four feet long. If we should stumble upon one of these mosquitoes, almost as large as a small cow, we would start back with horror, wondering what sort of strange animal we had encountered. We would find it a terrifying creature armed with two saws and two lances about one foot long. It is with these saws and these lances reduced 400,000 times in size that the mosquito bores into our noses, cheeks, necks and naked hands while we sleep. The mosquito is bad enough simply as a biter or stinger, but when he carries the germs of death into our bodies with his sting he becomes our foe in earnest, hence the attention given to this midnight serenader by the scientists.

Let Everybody Read.

Find fault with your friends and it will make them faultier.

Everybody wants something for nothing, but few people are satisfied with what they get that way.

Even when a friend urgently requests you to point out his faults, don't do it if you value his friendship.

To be disappointed in love is a cruel blow, but to be disappointed in marriage is a continuous performance.

Most of the good things in life come to those who wait on themselves.

A little learning is a dangerous thing, but a lot of ignorance is still more dangerous.

**Every time your roof leaks,
your pocket-book leaks, too.
Gen-as-co Ready Roofing
stops leaks once for all.**

Doesn't warp or rot. Shingles do. Doesn't pit or rust. Tin does. Doesn't dry-out and pulverize. Coal-tar does.

Gen-as-co has the resisting, lasting life of Trinidad Lake Asphalt, and protects your house or barn from years of weather.

First cost is last cost—the most economical roof you can buy.

Ask any progressive dealer. Write for Book 30 and samples.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt in the world

PHILADELPHIA

New York

San Francisco

Chicago

Cheap Lands in the Heart of Texas

There is an opportunity open to you now to get good land in The Heart of Texas for much less than it is really worth.

The land lies in the fertile

Trinity and**Brazos Valley**

This valley is located in the midst of the most prosperous and thickly settled part of Texas. It is formed by the Trinity and Brazos Rivers, which flow only about 70 miles apart for over 300 miles through the richest agricultural section of Texas.

The land in this Trinity and Brazos Valley varies in character from the finest black waxy land, capable of growing enormous crops of staples, like cotton, corn wheat, etc., to the light sandy soils which produce fruits and vegetables in abundance.

The Trinity & Brazos Valley Ry. has recently been completed through the very centre of this valley from Ft. Worth and Dallas on the North to Houston and Galveston on the South. The direct transportation to the four great markets of Texas thus secured gives the territory along the railroad what it has needed to develop its great resources.

Large numbers of settlers are going into the Trinity and Brazos Valley now. They are buying fine land at from \$5 to \$40 an acre, according to kind and location, but these prices are not likely to long remain so low. If you see in this your opportunity, don't delay. Investigate. You will find the land cheap—the crops big—the climate healthful—the people prosperous, industrious and glad to see you.

Take advantage of one of the low-rate excursions on the Rock Island-Frisco Lines, only \$20 from St. Louis or Kansas City, \$25 from Chicago, to any point in the Trinity and Brazos Valley and return.

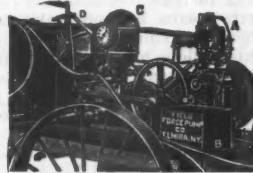
If you would like to read something about the opportunities open to you in the Trinity and Brazos Valley write for my book on Texas. You will find it full of good, reliable information.

I will send you one, without cost, if you will give me your name and address.

The Rock Island-Frisco Lines have no land for sale and are only interested in getting good, energetic settlers for the desirable, but unoccupied, lands along their roads.

I have chosen several specific sections, where conditions are especially favorable for new settlers, and am advertising their advantages. If you would prefer for some other section than the Trinity and Brazos Valley, look for my advertisements in other issues of this paper, or write me for specific literature about the section you are most interested in.

JOHN SEBASTIAN, Passenger Traffic Manager, Rock Island-Frisco Lines, 1200 La Salle Station, Chicago, or 1200 Frisco Bldg., St. Louis

The Ideal Gasoline Sprayer

Has $\frac{2}{3}$ H. P. Four Cycle Engine regulated to run 200 to 800 revolutions. At 360 revolutions it supplies 8 to 10 Vermorel Nozzles under a pressure of 200 lbs. The pump fills its own tank, has mechanical agitators and automatic brush for cleaning strainer. Weight of engine and pump 450 lbs.

Furnished either with or without tank and wagon. Write for prices.

FIELD FORCE PUMP CO., 226 11th St., Elmira, New York.



Get Busy.

Don't imagine you feel worse than anybody on the earth,
Get busy.
When you're fretting about the past,
And troubles coming thick and fast,
Get busy.
Don't be cross, and stew, and fuss,
Because the house is in a muss,
Get busy.
When you're out of stuff to chew,
Only to tell what your neighbors do,
Get busy.
Don't cry because the eggs didn't hatch
But set the hen on another batch and
Get busy.
—Successful Farming."

Catarrh.

Written for Green's Fruit Grower by J. Wright, M. D.

Editor the Fruit Grower: There is no hope of keeping the germs out of the system, unless the patient goes to some climate where the disease does not exist, but by the proper habits and diet the germs may be prevented from developing any symptoms of consequence.

Anyone showing any disposition to the disease in the way of "colds," dyspepsia or any of the symptoms set forth in medicine circulars or medical works, would do well to eschew all animal fats from his diet; in fact it would be to his advantage to eliminate meat of all kinds from his bill of fare.

That sacrifice (?) need not put anyone to inconvenience for want of a "balanced ration," as the list of available vegetable foods comprises a greater variety of fare than most people generally get. Of the carbo-hydrates, or heat and energy producing foods, we have fruits, potatoes, sugars (this should be used in a pure form only as a sweetening for fruits etc.), and all starchy stuffs; while the proteids, or foods containing the building ingredients, includes all kinds of beans and peas, nuts and peanuts.

Green vegetables generally contain little solid matter, but are beneficial in diluting the more concentrated foods and in the mild stimulation that some of their minute quantities of certain ingredients exert upon the appetite and functions of digestion.

The cereals form another class of food of great value in the physical economy, and they contain all the necessary ingredients for complete nourishment of the body, and usually in very nearly the correct proportion.

This brief discussion of foodstuffs will give some idea of the proper selection of a bill of fare, but I will add that such foods as can be eaten raw with relish are more wholesome than cooked foods as they do not ferment so easily, and heat deteriorates some ingredients, producing chemical changes therein.

In the cure of catarrh "medicines" are useless, except in a germicidal way, and drugs can never reach the seat of the disease, unless applied locally, to come in contact with the germs.

A great deal can be accomplished by fasting, care in selecting foods, bathing, etc., but there is only one real medicine and that is Oxygen, and the only practical way known thus far to administer it is through the lungs, in the form of air.

It is the safest and best remedy for all diseases and weakness, but the only way to obtain an excessive amount of it is through an abnormal development of the lungs.

That process of development is termed "Physical Culture."

This system of treatment may be learned from books or through an instructor, and may also be studied by mail as there are a number of instructors advertising in the magazines. Physical Culture is not only the best, but is also the cheapest treatment for after the necessary knowledge is acquired the only medicine needed—air—is "free for the (breathing) taking."

I also believe that electricity is beneficial in the treatment of disease, when properly applied.

I have now given a little information acquired through years of careful study, hoping that it will be the means of leading at least a few of your readers to the greatest of all boons—Health, and add years of happiness to their lives.

Editor's Note: Catarrh of the throat is most prevalent in low moist climates. Residents of the lake cities such as Chicago, Cleveland, Detroit, Buffalo and Rochester are liable to be attacked. Relief is often secured by living in a dry climate, or an elevated site where the air is more rarified and the oxygen more easily carried into the lungs.

To Chew or Not to Chew.
Harvey W. Wiley, chief chemist and pure food expert of the Department of Agriculture, has startled scientific Washington by announcing that it is a mistake to chew food.

In discussing the results of the experiments of a Yale professor, Dr. Wiley made the startling statement that to chew meat makes it indigestible.

"Flesh eating animals never chew their food," he said. "They bolt it. Man by chewing his meat makes it indigestible. The saliva mixed with the meat forms an alkaline. Before the meat can be digested that alkaline must be neutralized."

Eat plenty of good wholesome food. Sleep the sleep of innocence—that is eight hours of peaceful, restful sleep in every twenty-four hours.

Take plenty of exercise. Do not make it too violent.

Don't be afraid of a fight. Fight with all your energy when fighting, but the moment the fight is over, forget it. The man who carries envy and hatred to his bed is bound to die young.

This is the formula for the century life time laid down by Dr. Wiley.



BERRY PICKERS AT REST.

Medical men now are occupied with the case of Gustav Nordin, a hardy Swede, who paddled his own canoe from Stockholm to Paris and reached there in robust health after the long voyage during which he lived on apples, milk, water, and bread.

The Swede states that he undertook the dangerous and arduous voyage to show what could be done by a man who has given up meat, tea, coffee, wine, beer, spirits, and tobacco. He prides himself in eclipsing vegetarians and returning to the system that is termed natural alimentation.

Nordin agreed to allow the doctors to draw some blood from his legs and arms for the purpose of analysis. He states that when in America at the age of 18, he found he could not eat ordinary food and was suffering so he began a diet of fruit, principally apples, on which he thrived and became the robust person he is to-day.

Healthfulness of Apples.

Professor J. T. Stinson, director of pathology at the St. Louis fair, claims that the liberal use of apples will improve the disposition and elevate the moral nature, removing disagreeable feelings and making existence more enjoyable for all. He also maintains that eating raw apples is a cure for alcoholism and the tobacco habit. If all that he claims for the apple is true, the professor must certainly be regarded as a public benefactor. Dr. J. H. Kellogg thinks it would be a good thing for most persons if they would have a periodical "apple day," when the diet should be exclusively apples. Those who find themselves becoming irritable and disagreeable, might at least try this means of sweetening their disposition. Often they will relieve a distressed condition of the stomach. In case of mental fatigue, they are a wonderful tonic. We have made a lunch on apples and, while they do not have staying qualities, an occasional practice of this will be found beneficial generally. Apples in some form should be on the table at all times.

Roosevelt Maxims.

"First—Fit yourself for the work God has for you to do in this world, and lose no time about it.

"Second—Have all the fun that is coming to you.

"Third—Go ahead, do something, and be willing to take responsibility.

"Fourth—Learn by your mistakes."

On these maxims the President has based his policy, his method of putting them in effect was tersely told by the President himself, in a piece of advice given in an address to school boys, as follows:

"When you play, play hard; when you work, don't play at all."

Nature does business on credit, but always collects bills promptly.

Gold Spectacles Free.

SEND NO MONEY.

PERFECT

DE HAUX \$3.50

VISION

SPECTACLE-WEARERS! Just write me your name and address and I will mail you my Free Home Eye Tester, also full particulars how to obtain a pair of my handsome, three-dollar Rolled Gold Spectacles absolutely free of charge. Write today for Eye Tester and Free Spectacle offer.

DR. HAUX SPECTACLE COMPANY, Block 1,

St. Louis, Mo.

I WANT AGENTS ALSO.

NOTE.—The Above is the Largest Mail Order Spectacle House in the World and perfectly reliable.

75 KITCHEN CABINET

SEND US \$11.75, cut out and return this ad and we will send you this regular \$20.00 highest grade latest pattern kitchen cabinet, by freight, with the understanding and agreement that you will find it the equal of kitchen cabinets that sell everywhere at double the price. The latest style of cabinet, the most beautiful and substantial kitchen cabinet ever constructed, and if you are not perfectly satisfied in every particular, you are returned to us at our expense, and we will promptly return your \$11.75, including what you paid for freight. (Shipping weight, 285 pounds, but the freight charges are very little; almost nothing compared to what you will save in price.) This beautiful, highest grade cabinet is made of specially selected hard white maple, through all air joints and kiln dried, and is finished in a rich, warm, golden brown. It is two deep drawers for linens and packing boxes; above are two long drawers for utensils; fitted with one kneading and one chopping board, removable and finished on both sides. Top section is most beautiful and convenient arrangement ever devised; cupboard with shelves and glass doors, affording ample space for dishes, canisters, etc.; has tilted sugar bin in center and roomy drawer and cupboard above. Entire cabinet is highest grade construction throughout, and is built to last. Cabinet is entirely sanded and smoothed, beautifully varnished, bringing out the natural white maple color. It is one of the finest kitchen cabinets ever made and the price is about manufacturer's cost.

WE SELL KITCHEN CABINETS FOR \$3.65 AND UP. We are the largest makers and distributors of kitchen cabinets in the world, and as spectacles are offered at the lowest prices, we offer this, the best value in our entire line, and offer it at an especially low price, \$11.75, way below any kind of competition, and urge you to place your order immediately while our special prices holds good. We have 1,500 of these cabinets to offer at this special price to advertise this department. After these are sold we cannot guarantee the price, so you must order at once. In our special free Furniture Catalogue we show pictures and descriptions of our entire line of cabinets at \$3.65 and upwards, as well as a most complete line of furniture of every description. If you don't order this cabinet or a ladder or a piano or a sofa or a chair or a bureau or a desk or a washstand or any other article, don't fail to write to us for a ladder or a piano or a sofa or a chair or a desk or a washstand or any other article, and see what you get. We have a large and varied line of furniture at the lowest prices ever known. We have 1,500 of these cabinets to offer at this special price to advertise this department. After these are sold we cannot guarantee the price, so you must order at once. In our special free Furniture Catalogue we show pictures and descriptions of our entire line of cabinets at \$3.65 and upwards, as well as a most complete line of furniture of every description. If you don't order this cabinet or a ladder or a piano or a sofa or a chair or a bureau or a desk or a washstand or any other article, don't fail to write to us for a ladder or a piano or a sofa or a chair or a desk or a washstand or any other article, and see what you get. 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STATUE OF LINCOLN IN CHICAGO.

This is one of the most artistic statues in the world, the work of the late Saint Gaudens, greatest of American sculptors. See editorial on Lincoln.

There is only one Lincoln, therefore ties of great men you will marvel at this, when I write his name it is not necessary to prefix it with the word Abraham. It is the same with Washington, there is only one Washington, therefore when we speak of this great man it is not necessary to specify that we speak of George Washington. Lincoln's physical stature was far above that of ordinary mortals, but his mental and moral stature was far greater than that of his physical. America has not produced a greater man than Lincoln. It is well for the young men of this country to consider Lincoln, his early privations and his character. Like all great men he was not appreciated when he first entered public life. Our politicians and our statesmen were ashamed of this plainly dressed, plain featured man. They were sure that he would be looked upon by diplomats as a rail splitter, an unpolished backwoodsman, who knew but little about the forms of polite society. There were few in the early days of the Civil war who possessed any idea of the greatness of Lincoln. It is difficult to connect greatness with simplicity. The men of the world naturally connect greatness with show, pomp and ceremony. When you stop to consider the peculiarity

Fishing Jaunt (Dramatized.)
Written for Green's Fruit Grower.

Henry:
I say; Herbert,
How's your pulse for a fishing jaunt?
A soothing breeze from the golden west
Fulfills the adage—It is best.
A longing in my bosom
Will not down;
A keen anticipation,
A pulse increased at every beat
Cries out for satisfaction.
Methinks that even now I feel
A twenty pounder tugging at my line.
Will it go?

Herbert:
I must confess,
You've roused an old ambition;
A zest that never slumbers,
And time cannot erase
Or strange conditions change:
What can my answer be,
But an emphatic yes;
And while you arrange the tackle
Of silken lines and gilded reels,
I shall quest the minnows
Down on the riffles
Just below the dam.
An ample lot of bait secured
And rods and stringers deftly trimmed,
The distance to the rocky point
Where shallow water ends,
Is spanned with fleeting feet.

Henry:
Look! didn't see that whopper leap?
Cast you just below his splash:
I'll cast above,
And mayhap, you or I
May intercept him.
Steady now,
Guard well your float.

Herbert:
Gee whizz! help; a whale;
No, what is it?
Darn the luck,
A dirty turtle.
A peal of laughter from below,
Disclosed an urchin
Angling with a willow pole,
Down at the river's bend.
His pants,

Suspended by a single twine;
Were rolled above his knees;
His naked feet were black with mud,
And half his hair protruded through
his hat.

Henry:
Don't lose your temper, Herb;
That boy has rights,
The same as you and I once exercised
When we were kids;
The right to laugh
When men in broadcloth
With silver plated reels
And silken lines,
Caught naught but turtles,
Or the hateful gar.
Help! help! now came in fearful tones
From the urchin's way.
His teeth were set;
His eyes shot fire;
His little body half way in the water;
His line at the breaking point,
Stiff as a rod of steel.
At last, the monster,
Tired and limp,
Was hauled ashore;
A ten-pound muskalonge.

I am now, and have been for several years, a subscriber to Green's Fruit Grower, and I like it very much, because it is a safe paper to have in a family. It not only teaches fruit, but it teaches health, honesty, temperance, industry, cleanliness, neatness, economy and cheerfulness—it teaches us to look up, rather than down, and helps to make life worth living. The pictures and mechanical part of the work are also of a very high grade for such cheap paper. And last, but not least, I find but few, if any, objectionable advertisements in your paper.—D. Lewis, Arkansas.

Daniel said: "Blessed is he that waiteth."

Job said: "They waited for me as for the rain, and they opened their mouth wide as for the latter rain."

Micah said: "I will wait for the God of my salvation; my God will hear me."—New York "Press."

Victor Grand Opera



Suppose that Melba and Caruso came into your home to sing to you this evening—

queen among sopranos, and the greatest tenor of modern times. Suppose that Sembrich, Calve, Eames, Scotti, Plancon, Dalmore and other world-famed opera stars also came; all in perfect voice (and accompanied by a fine orchestra) to sing their most famous selections to you and your friends. Suppose—but you don't have to suppose. You can make it a fact.

The Victor brings every one of these great singers into your home. Only the Victor, for they sing for Victor records exclusively. And you hear not a weak imitation; not an "almost," but the actual individual living voice, with all its power, sweetness and reality.

Not only does the Victor bring you the perfection of opera-singing; but popular and sacred selections; band and orchestra music; instrumental solos and duets; dance music; comic song-hits and specialties—in short every kind of high-class entertainment that delights human ears—you hear at its best on the Victor with Victor records only.

Ask any Victor dealer to play them to you. If no dealer is near you, write us on the coupon for free catalogues and full information.

Victor Talking Machine Co.

Camden, N. J.

Berliner Gramophone Co.
Montreal
Canadian Distributors



FILL OUT CUT OFF MAIL TODAY
Victor Talking Machine Company, Camden, N. J.
Please send me catalogues of grand operas and
other famous Victor records.
Name _____
Street _____
City _____
State _____

BROWN FENCE
AN EXTRA HEAVY FENCE
SAMPLE FREE
Every wire—
both strand and stay—No. 8 gauge,
thickly galvanized. Best grade steel. We mail free sample
for inspection and test. A more substantial, stock-resisting
time-defying fence was never stapled to posts. We
pay freight on 40 rods. Write for book showing 133 styles.
The BROWN FENCE & WIRE CO., CLEVELAND, O.
15 to 35cts PER ROD DELIVERED.

Fall the best time to plant Gooseberries, Currants, and other Bush Fruits

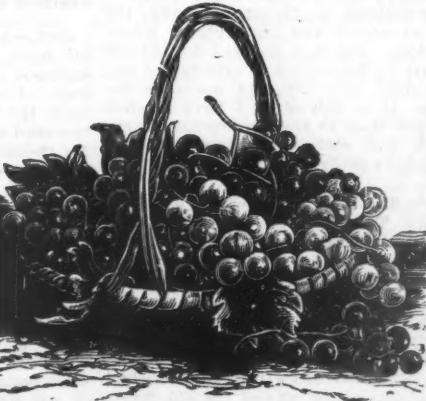


GOOSEBERRIES are one of the most profitable bush fruits to grow—they can be shipped any distance. The best varieties are Downing, Red Jacket and Industry.

CURRENTS WILL LIFT MORTGAGES. An acre of currants would give one an income of \$1,074.00, thus being one of the best investments you could make. We offer all the standard varieties, Red Cross, Cherry, Fay's, Wilder and White Grape.

DIPLOMA Currant the largest, most vigorous and productive of all red currants. We are the introducer and you can only secure plants through us.

35 Per Cent Saved by Buying Direct of the Grower



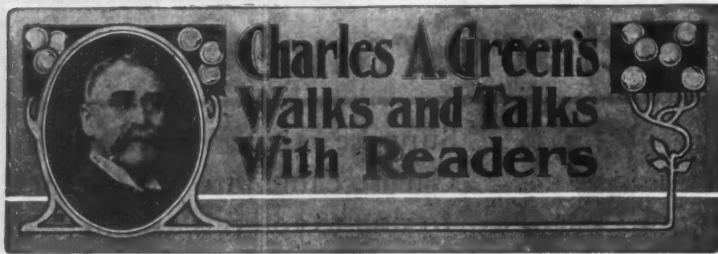
ASPARAGUS yields at the rate of \$400 per acre. We offer 1,500,000 plants at special bargain prices.

GRAPE VINES. There are large profits in growing grapes. We have the following leading varieties: Charles A. Green's (new), Concord, Worden, Niagara, Diamond, Campbell's Early and Moore's Early.

Also a large assortment of other Small Fruit Plants, Fruit and Ornamental Trees, Shrubs, Roses and Vines.

Catalog is ready for mailing, send for it. It is free and contains valuable information on planting fruit trees.

GREEN'S NURSERY CO., Rochester, N. Y.



ROCHESTER, N. Y., OCTOBER, 1907.

How to Ship Ripe Fruit.—In past years it has been deemed impossible to ship ripe fruit long distances. Now it has been discovered that if the fruit is placed when fully ripe in cold storage and gradually cooled to a temperature unfavorable to decay, and then placed in refrigerator cars, this ripe fruit may be shipped long distances and arrive in perfect condition. This fact is of great interest to fruit growers since formerly peaches and other fruits grown in California had to be gathered before maturity and allowed to ripen on the way to eastern cities. The quality of the fruit was injured by this method. But by this new method the fruit can be ripened on the trees in California and safely shipped to New York, Boston, Philadelphia, and Chicago.

Causes of Runaways.—More accidents are caused in driving horses by one of the traces unhitching from the whiffletree than from any other source. Watch carefully your traces when driving and use every precaution to have the hooks on the end of the whiffletree of such a character as to prevent the traces from becoming unhooked. If one or more traces are unhooked there is nothing to prevent the horses from plunging ahead of the wagon, thus slipping the neck yoke off from the wagon tongue causing a serious wreck, often fatal to life.

Another cause of accident in driving is the breaking of the bit in the mouth of the horses. I have known bits to be used until they were almost worn to a thread in thickness. Some bits are so cheaply made they are not strong enough to hold a vicious horse. Breakage of lines causes many accidents, as does the misplacement of the bridle. Many runaways are caused by removing the bridle from vicious horses to drink more freely at watering places; thousands of runaways are caused by leaving horses unfastened for a few moments, thinking they will stand. They might stand under ordinary circumstances, but something happens to frighten them, such as a flying sheet of paper or the discharge of a gun; in a moment they are off; and then what can you do to prevent a smashup?

Accidents often are caused by the horse being hitched too close to the wagon so that in going down hill the horse's heels strike the whiffletree whereby he begins to kick and runs away.

Mother Love Not Appreciated.—The chancellor of New York's greatest university tells me that he did not appreciate his mother's generosity when a child. Good apples then were rarely seen. His mother had four apples and three boys. She gave one of these tempting apples to each of the boys, retaining one. The boys devoured the apples with relish and the next day the good mother cut her remaining apple into four parts, giving each one of her boys one part, reserving one part for herself. Later she divided her quarter among the three boys, again leaving nothing for herself. Now, says the chancellor, I made a mistake as a boy in assuming that my mother did not like apples. My reasoning was like this: If my mother had been fond of apples she would have eaten her apples instead of giving it away, the same as myself and my brothers would have done. The fact that she did not eat her part of the apple was evidence to me, as a child, that she did not care for apples. It is only since I have reached manhood that I have realized that my mother was sacrificing herself for her children, as many mothers do to this day.

Apple Trees on Newly Cleared Land.—Thomas Thwaites, of Canada, asks if apple trees will grow on newly cleared wood land.

Reply: Yes, apple trees will grow on such lands if the land is kept clear of brush. I have seen orchards planted on such newly cleared land which in after years were submerged and hidden from sight in the new growth of timber which sprang up on the site of the old forest. No one can expect an apple orchard to succeed under such circumstances as this. Therefore I advise that the newly cleared land be well subdued before the

apple trees are planted. If there are stumps and rocks on the land they will do the trees no injury.

The Railroad Worm in Apples.—William Howard, of Massachusetts, asks how he can prevent his apples being injured by a worm known by the above name. This worm is of small size. It often works its way in every direction through the flesh of the apple, making only a small hole, but rendering the apple unfit for eating. In western New York we are not seriously troubled with this worm. I have seen it only in the Sweet Bough which it seems to delight in feeding upon. I know of no special remedy other than the usual spraying formula of Bordeaux mixture and Paris green, which has a tendency to rid the apple trees of this insect as well as many others besides the codling moth.

The Wrong Boy.—Green's Fruit Grower has heard of a man whose business took him away from home to such an extent that he was hardly able to identify his own children. One evening the wife was called away and it was the husband's duty to put the children to bed. On his wife's return she asked him how he succeeded. "Fairly well," he replied, "but I had difficulty with one red-headed fellow who said he did not live here, but belonged to a neighbor. I spanked this fellow and made him stay where I put him."

This reminds us of the man who was traveling most of the time, being at home only on Sunday. One of his boys asked his mother the following question: "Mother, who is that fellow who comes here every Sunday and licks me?"

Encouragement to Authors.—Writers of poetry, stories and dramas whose manuscripts are rejected, or whose work is criticised, should be encouraged by the fact that the greatest of all writers, Shakespeare, has been more severely criticised than any other.

Judge Francis A. Smith, in his recent book, calls attention to the criticisms of Shakespeare as follows: Ben Johnson said that Shakespeare wanted art. Shelley said in 1640 that Shakespeare had few friends, and Tateham that he was the plebeian driller. Dryden regretted that Shakespeare did not know of the Aristotelian laws of the three unities, and many times flat and insipid, his serious swelling degenerating with bombast. Thomas Rymer declared Othello to be a bloody farce without salt or savor, and Dennis said that Shakespeare paid no heed to poetic justice; the good and the bad resisting promiscuously. It appears that the great bard of Avon was foolish enough to paint affairs as they are, rather than as they should be, for we all have observed that good and bad people meet with calamities on sea and land, while according to poetic justice, the bad only should perish.

Pope had no word of praise for Shakespeare, of whom he said: He is not correct, not classic; he has almost as many defects as beauties; his dramas want plan, and are defective and irregular in construction.

Judge Smith gives Lessing the German, as the earliest discoverer of the worth of Shakespeare.

Dew.—A popular novelist tells us that his hero, on horseback at early morn, galloped over the dew moistened highway. I have not known the dew to fall upon the dry dust of the road so that the road could be called dew-moistened. My thought is that dew does not fall upon a dry bed of ashes or dust, and, furthermore, I do not think the dew falls upon anything. Dew accumulates upon blades of grass, leaves and stones which are colder than the atmosphere; these cold objects cause the atmosphere to condense its moisture which appears in beautiful drops like diamonds hanging upon the grass and leaves. But the earth is warmer than these objects therefore I doubt if the dry earth was ever moistened by dew, and I know it is not moistened by falling dew, since the dew never falls upon anything.

One opportunity is enough for the man who knows how to take advantage of it.

Will the \$30,000,000 Fine be Paid?

Our readers have probably heard that the Standard Oil Co. of Indiana, has been fined \$29,240,000 for alleged shipment at less than the legal rates of railroads. The question is, will this fine ever be paid? The probabilities are that it will never be paid for the reason that the company fined has only \$1,000,000 capital and for the further reason that it is not certain that the decision of Judge Ladd was wisely made. When the crusade against corporations was first started Chancellor Day of the Syracuse university was the only man to cry out against the crusade as unjust and tending to cripple the industries of our great and prosperous country. A loud outcry was made against the views of Chancellor Day, but more recently many of our leading men, and notably Judge Parker, are sustaining Chancellor Day in his opinion that the crusade against corporations has been carried too far, and that as a result the credit of railroads and other corporations has been so impaired as to bring about a crisis in national affairs. One of the greatest curses of any nation is being governed too much. During the past few years thousands of new laws have been passed by the state legislatures and by congress. It would seem that even a man trundling a wheelbarrow must be subjected to some particular state or national law controlling his movements.

There is no doubt that corporations have done much to make life worth living and much to open up and develop the resources of the United States. The accommodation and extension of railroads under one management has been of great service to all those who ship by freight or express, or who travel upon railroads. Imagine the inconvenience of traveling or shipping if the passenger or freight must be transferred from one road to another every few hundred miles.

Undoubtedly there have grown up evils through corporations. These evils should be corrected but with discretion and forbearance.

Large Orchards Being Planted.

The interest in orcharding and small fruit growing is increasing all over the country. When men have an opportunity to learn that fruit growing is far more profitable than farming they are ready to plant orchards and berry fields. This has been shown by the fact that many young men who have come to Green's Fruit Farm to work have learned not only how to grow the various kinds of fruit, but have learned that they are profitable, therefore they have started fruit growing for themselves.

Recently the wealthiest farmer of New York, a man worth many millions of dollars, has employed a professional fruit grower to plan for and plant 4,000 apple trees, 4,000 pear, 1,000 peach, 2,500 quince and 30,000 red currants on one farm, and on another farm 6,500 apple trees, 3,000 pear, 1,500 peach and 1,300 currants.

While this many may not seem large to our western friends, remember that this is simply the beginning, so far as this wealthy farmer is concerned. It may be well to state the varieties selected by this professional fruit grower, which are as follows: Baldwin, Greening, Northern Spy, King, Roxbury Russet and Hubbardston, and as fillers, Wealthy, Wagener, Duchess, Gravenstein, Rome Beauty, Twenty Ounce and Yellow Transparent.

The pears planted are nearly all Bartlett for standard, and Dwarf Duchess for dwarf, planted as fillers among the standard pears.

The varieties of currants planted are Perfection, Fay, Versailles and Victoria. I am surprised that any professional fruit grower should plant the Victoria, which, though a vigorous grower, is a small fruiting variety, not to be compared with the Red Cross. I wonder that he did not plant the Wilder currant, which is one of the better varieties, ripening late, and particularly valuable for its lateness.

The Kindergarten in Fruit Culture.

The kindergarten is something of a new school through which children are instructed in the various things without the use of books. Children so young as to render it impossible for them to study books can be taught how to build houses with blocks or how to make rude pictures, or to tack pieces of cardboard or blocks, how to drive nails, how to use a knife, how to take certain steps, how to appear graceful, and numerous other helpful things, these lessons being more like recreations than studies. Kindergartens are needed in the church, infirm work, in fruit growing and many other departments of life.

Readers of Green's Fruit Grower and other horticultural publications some-

times ask why A. B. C. questions are so often asked and answered and why articles are answered that convey no new information. My reply is that every well conducted journal must have its kindergarten department. The average fruit grower does not realize how little the average man, woman or child knows about fruit growing. There are so many things requiring the attention of individuals they must of necessity neglect some, therefore since fruit growing is not their main business, the subject is almost entirely neglected. I once sent a friend 100 fine black raspberry tip plants and he reported that he had received asparagus roots but no raspberry plants. He had received the raspberry plants all right but had never seen a tip plant and thought those that he had received were asparagus roots.

Many people are disappointed that their plants and vines do not bear fruit the same season that they are planted, or at furthest the next year and in many ways display their ignorance on the subject of planting, pruning, cultivating and especially spraying and training fruits, and how to preserve them from decay. Thus the helpful publication must be continually answering A. B. C. questions and sometimes the more of these questions we answer and the more we discuss them the better we please our subscribers, no matter what the experienced fruit grower reader may think on the subject. If Green's Fruit Grower was edited and published in the interests only of the professors and experimenters at the experiment stations, and for expert orchardists it would of necessity have but a small circulation.

Where Shall I Plant Orchards and Small Fruits?

A. P. Appleton, of British Columbia, tells Green's Fruit Grower that he has capital enough to start an orchard and small fruit growing, and wants the advice of Green's Fruit Grower as to whether he shall stay where he is and plant orchards and berry fields, or whether he shall come to western New York; or where would we advise him to go to start these enterprises.

This friend was born in western New York, and naturally has an inclination to return there. I can say to him that there is no better fruit growing country in the world than western New York, considering one year with another throughout a lifetime, but there are localities where certain fruits can be grown better than any other, or where certain fruits succeed particularly well. And yet there are few people who would undertake to advise a friend on such a subject as this.

In the first place I have but little personal experience with fruit growing in British Columbia or in Texas, California, Oklahoma or New England. There are many other parts of this great country of which I know but little as to their adaptability for fruit growing. I am naturally prejudiced in favor of my own locality, western New York. We must expect that whoever advises on such an affair as this must favor his own locality.

In deciding this question, and many other similar questions, men are required to decide for themselves after receiving all sorts of advice from other people. Certainly they cannot accept every man's advice, and it is a question whether they should accept any man's advice. Where it is best to locate as a farmer, fruit grower, lawyer, doctor, merchant or grocery man is a great question, and one that is difficult to settle. Surely the person interested must decide for himself where it is best for him to make a start.

Another question is the expense of moving and the risk of moving. For this reason my advice is that where a man is doing fairly well where he is or where the opportunities are fairly good it is better for him to stay there than to move to a new territory of which he knows but little, and where the conditions instead of being better may be worse than where he is now living. This advice, however, can be safely given. Do not locate where the thermometer goes lower than ten degrees below zero in the coldest winter weather. Locate only on fertile land with elevation enough to give natural drainage. Do not locate where there are no fruit farms or berry fields, for if there are no fruits growing the assumption is that possibly they do not succeed, and your planting will be an experiment.

Remember.

Too many of us consider an excuse a reason.

The very best thing to have for dinner—a good appetite.

Genuine happiness is able to stand a lot of hard knocks.

Everyone makes the mistake of imagining that others enjoy hearing him talk.

**One Exception.**

We praise her doughnuts and her pies,
Her biscuits and her cake.
But where's the man who sighs for pants
Like mother used to make?

She used to take a pair of pa's,
When they were worn and frayed,
And decorate them with a patch
Of some contrasting shade.

And cut them off about the knees
And take the waist in, too,
And say that they for every day
Were just the thing for you.

And then she sent you off to school
And when you didn't go,
She wondered what got into boys
That they played truant so.

Yes, still we praise her jam, her "jell,"
Her coffee and her steak,
But where's the man who sighs for pants
Like mother used to make?

—C. L. Edson.

Making Jellies.

Dear Editor: I don't remember of ever writing a letter of this description, (praising a paper or magazine), but it has been my intention for some time to say a few words at least. I think Green's Fruit Grower is an ideal paper for the home. It contains so many helpful hints, and as for its literature, I think it could not be surpassed. The stories contain good morals and there is not a department but what is for our good.

I have never contributed to any magazine, but I would like to tell your lady readers something about making jellies, which is my own experience. It is presumed that you all know the fruit must not be very ripe, and the amount of sugar required.

When the juice boils very hard—so that it seems like a dish of foam—it is done. After your jelly has become perfectly cold, cover with granulated sugar, allowing one teaspoonful to the glass. This will prevent molding.—Mrs. Addie Thornton, Wash.

How to Get Husbands.

The sum and substance of a lecture delivered recently by Charles M. Schwab in which he tells girls how to get husbands, is that the way to a man's heart is through his stomach, and he urges all girls to learn how to cook above everything else. Now while those are probably the sentiments of the majority of men, it is doubtful if all young women will be contented simply to know how to satisfy the "inner man." Obtaining husbands is not the sole ambition of women, and if they were compelled to sacrifice everything else in order to capture a "mere man's" heart (or rather stomach), a great many would do without the man.

Among other things, Mr. Schwab advises girls not to strive for a career. He says men do not like brilliant women. The truth of such an assertion depends on how the word "brilliant" is defined. A woman can be brilliant and at the same time possess all the characteristics desired in a wife. She must not be too brilliant, however, or she will overshadow her husband, and that would create discord. Brilliant women should marry brilliant men and vice versa.

Another suggestion Mr. Schwab makes is that girls should not adopt a business life. But he fails to tell now young women are going to support themselves in the event that they do not become wives. That bit of advice is almost ridiculous, because everybody knows there are more women than men in the world, and if the women do not have some means of support to fall back upon, the careers of washerwomen or cooks are about the only ways in which they can make a living.

In praising the usefulness of the mule a local Missouri paper declares that "Missouri sure stands by the mule." And it would be a very safe bet, predicated on the chances on Missouri's well-known caution and perspicacity, that in standing by the mule she is careful to stand well up toward its head.—"Browning's Magazine."

If you have anything to say to a mule say it to his face.

With the Luscious Peach.

Peach Pie.—Line a pie tin with puff paste, fill with peaches cut in quarters and cover with sugar. Put on an upper crust and bake, or cook it without the upper crust, and when removed from the oven cover it with a meringue made of the whites of two eggs beaten to a stiff froth, with two tablespoonsfuls of powdered sugar. Return to oven and brown slightly.

Peach Pudding.—Soak a pint of stale breadcrumbs in a pint of hot milk. Use either fresh or canned peaches. Stew enough of them to fill a pint measure when mashed, and stir in a tablespoonful of butter. When all are cold, mix them together, adding two well-beaten eggs, half a cupful of sugar and a pinch of salt. Put this in a buttered pudding dish, bake half an hour and serve hot either with or without sauce.

Bavarian Peach Cream.—Select a few of the best fruit and have them after removing the skin. Then take some other peaches, rather soft, and make a pulp of them by crushing through a sieve, adding some sugar to this and half an ounce of gelatine which has been dissolved in water. Bring this to a boil and then let it become cold and stiff. Fill the half peaches with this and pile a spoonful of whipped cream on top.

Peach Shortcake.—Take two cupfuls of flour, sifted, four teaspoonfuls of baking powder, half a teaspoonful of salt and two teaspoonfuls of sugar. Mix together, then work in a quarter of a cupful of butter. Mix with three-quarters of a cupful of milk, and roll it out half an inch thick; then cut it into squares and bake fifteen minutes. Have your peaches peeled and cut, in halves, if very large, quarter them. Sugar quite freely and place between the layers of crust. Then cut up some small slices for the top and cover with whipped cream.

Tested Recipes.

Almond Drop Cookies.—Beat two eggs lightly; gradually beat in one cup of sugar; then two ounces of chocolate melted over hot water, one cup and a half of blanched almonds chopped fine, and a teaspoonful of vanilla extract. Sift together three times, one cup of flour, one level teaspoonful of baking powder and half a teaspoonful each, of salt and cinnamon and stir into the nut mixture. Drop by the teaspoonful onto a buttered baking sheet, to make little rounds of dough. Bake in a moderate oven. This recipe makes about thirty dozen little cakes.

Nut Filling.—Chop a half pound of shelled walnuts; make a custard of half a cup of milk, two tablespoonfuls of sugar, the yolk of an egg, and a teaspoonful of vanilla. Cook until thick; then set aside to cool. Stir in the chopped nuts. Spread on the cake layers. Cover the top of the cake with a white icing and arrange halved nuts in rows upon that.

Frosting for Cake.—Three-quarters cup confectioner's sugar, the white of one egg, butter the size of a walnut, beat all together until light. Add a little vanilla or lemon and spread on cake. This will not run.

Softens Frosting.—One-eighth bar unsweetened chocolate, a small piece of butter melted and poured over a white frosting, that has become too hard, softens the frosting and also adds to its appearance.

Cream Cakes.—Melt one-half cup butter in one cup water and while boiling stir in thoroughly one cup flour; when cool, stir in three eggs, one at a time, without previous beating. Drop in spoonful on buttered tins. Bake twenty minutes in a quick oven. Success depends on their being baked well, otherwise they will fall. When cool open the side of each with a sharp knife and fill with sweetened whipped cream or a custard made of one pint milk, one-half cup flour, one cup sugar, and two eggs.

Macaroni in Cheese Shell.—The shell of an Edam or pineapple cheese makes

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WHY NOT GET THE BEST and SAVE FROM \$5 to \$40?

You know that there must be a big difference between the factory price and the dealer's price on a good stove or range.

Why not save that difference and keep that extra profit in your pocket?

You know that there must be a big difference between a strictly high-

grade stove, made of the best materials by expert workmen, and "cheap" ranges made of scrap iron by inferior workmen.

Why not get the best you can find—especially when you can buy it at the actual factory price?

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A Stove or Range of the highest quality at actual Factory Price on 360 Days Approval.

has become so famous as fuel-savers, and good heaters and quick heaters; and why they last so long and give such good satisfaction.

At the same time our system of manufacturing and selling direct is such that we save you \$5, \$10, \$20 and in some cases \$30 to \$40 on the factory price.

You cannot get a better at any price. The Kalamazoo is as good a stove or range as man can make—and you save from 20 to 40% in buying it.

And don't forget: you get your money back if it is not in every way exactly as represented.

We pay the freight and ship all Kalamazos packed, polished and ready for immediate use. Any man can remove crating and set them up.

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Compare Kalamazoo Quality and Kalamazoo Prices with others—and save your money. Our line is complete, embracing stoves and ranges of all kinds for all domestic purposes—for the home, school, church, halls, lodges, rooms, etc. Hotel ranges for restaurants, boarding houses, clubs and camps.

Gas stoves and ranges for cooking and heating—all sold at factory prices.

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Original "Direct-to-user" Manufacturer. Beware of imitators.



Kalamazoo Royal Steel Range, one of many styles—extraordinarily economical of fuel.



Kalamazoo Radiant Base Burner. Positively the best bargain ever offered in a heating stove.

Fading.
Written for Green's Fruit Grower by B. F. M. Souris.

The light is fading. Day is dying. Now the west of joy is turning dark afar. Bright glory hovered there; now shadows mar.

So, in the eventide, my spirit, thou, Lived unto mortal flesh must weary bow; For we, too, fade: of clouds we kindred are.

Yes, and the sweet flowers die: the morning star Fades—but in glory! Thou with silvered braw, Life ebbs. Rise thou above the weary clod! Let nature fade—all glory fades away. The scenes we love—they fade, alas, how soon!

But changeless are the promises of God. There comes the fadeless, everlasting day, Expanding to its grand triumphant noon.

New Philosophy.

A girl sees nothing wrong in kissing the right man.

Any man who is able to dodge unhappiness is just about as happy as it is possible to be.

When a man's business affairs begin to go wrong, his wife thinks it is because he doesn't follow her advice.

If a man occasionally tells a woman how pretty she looks, she will forgive most of the other lies he tells her.

Vanity of woman looks like a plugged nickel when compared with the conceit of a man.

Every woman loves the wrong man once, and every man loves the wrong woman at least a dozen times.

Women who feel that they were born to command usually succeed in acquiring husbands who rule the roost.—Chicago "News."

Train the girl to be self-reliant. To handle money and keep accounts. To value independence without losing loveliness.

To take care of herself without losing faith in her fellows.

To understand social conventions and use them for her own protection.

Never to let friendship infringe upon self-respect.

Never to sign papers without knowing what they are about.

Always to stand erect and look things squarely in the face.

About all house cleaning means to a man is an excuse for his wife to rearrange the furniture so he will fall over it.

St. Paul said: "But if we hope for that we see not, then do we with patience wait for it."

A RECORD OF OVER SIXTY-FIVE YEARS.

For over sixty-five years Mrs. Winslow's Soothing Syrup has been used by mothers for their children while teething. Are you disturbed at night and broken of your rest by a sick child suffering and crying with pain of Cutting Teeth? If so send at once and get a bottle of "Mrs. Winslow's Soothing Syrup" for Children Teething. The value is incalculable. It will relieve the poor little sufferer immediately. Depend upon it, mothers, there is no mistake about it. It cures diarrhoea, regulates the Stomach and Bowels, cures Wind Colic, softens the Gums, reduces Inflammation, and gives tone and energy to the whole system. "Mrs. Winslow's Soothing Syrup" for children teething is pleasant to the taste and is the prescription of one of the oldest and best female physicians and nurses in the United States, and is for sale by all druggists throughout the world. Price, twenty-five cents a bottle. Be sure and ask for "Mrs. Winslow's Soothing Syrup." Guaranteed under the Food and Drugs Act, June 30th, 1906. Serial Number 1098.



Since I am a subscriber and much interested in Green's Fruit Grower, I send you a picture of my first grandson. He was born in Wisconsin eighteen months ago, but he will grow up in the state of Washington.

My home is in the state of Washington in the fertile Yakima Valley. This is a great country for fruit of all kinds. The Yakima red apple demands a fancy price in the eastern markets. Apple trees bear fruit when four years old. The trees have to be severely pruned and the fruit thinned to prevent the loads of fruit from breaking down and ruining the trees. We spray for scale and codling moth, our state laws prohibiting the sale of wormy fruit. We depend entirely upon irrigation here for all crops except wheat. Fruit and alfalfa hay are our great staples. Alfalfa is cut three and sometimes four times in a season. The average yield is eight tons per acre. We have sold baled as high as fourteen dollars per ton, but sometimes it is cheaper.

Peaches, pears and plums do well here. Pears are shipped in car lots direct to New York city. A neighbor has just planted 775 apple trees, mostly Rome Beauty and Winesap. He also planted pear trees and is preparing to plant a peach orchard of 750 trees, varieties being Alberta and Solway. He has an elevated site for this peach orchard. It was originally covered with sage brush.

—E. J. Niclael.

Does Poor Cooking Lead to Drink?

Written for Green's Fruit Grower.

Dr. H. W. Wiley and others are inclined to say yes to this question. Poorly cooked food is not easily digested. When a man is suffering from indigestion he is liable to drink something strong to brace him up. Any man who is weak physically is more inclined to drink than one who is strong. There are some women who never seem to be able to learn how to cook or how to prepare digestible food for the home table. Some women are inclined to the use of too much fat or grease in their cooking; most women do not consider the question of health in preparing foods. No housewife is excusable for preparing an unwholesome dish for her husband and family. I have known cooks to place upon the table heavy, indigestible cake, bread, or cookies which were a failure, and which should have been thrown away or fed to the chickens. To eat such food is unwise. Nevertheless I do not believe that the average man is liable to become a drunkard. In my opinion drunkards are maniacs, men with minds unbalanced, or men who have inherited the passion for strong drink. I believe that a large portion of mankind could not be made into drunkards by the efforts of outside influences or by their own inclinations.

Dr. Allen Wiley says in the course of an article in "Appleton's Magazine":

Curiously enough, it was partly to defray the expenses of the Civil war abolishing slavery that alcohol was literally placed in bondage. How this step has crippled the progress of the United States may be understood when it is known that in 1861, prior to the enforcement of the revenue tax we were using over 30,000,000 gallons, although our population at that time was but 32,000,000. Had the farmer and the manufacturer been permitted the free use of the liquid except as a beverage, to-day our consumption would doubtless have been more than ten times this quantity, for Germany alone makes over 100,000,000 gallons a year, largely for industrial purposes, also tenfold more than we have manufactured annually under the oppression of the revenue law. There is good reason for calling the law which at least gives us free alcohol for our industries the second act of emancipation, for it is in truth a release from bondage.

Some Up-to-Date Fashions.

For the convenience of the ladies in the homes of our subscribers we have made arrangements with one of the largest and most responsible manufacturers of patterns to offer some of their reliable patterns at the nominal price of 10c each. We have tested these patterns and take pleasure in recommending them to our readers.

5731.—The quantity of material required for the medium size is 3 1-2 yards 27 or 32, or 2 1-8 yards 44 inches wide, with 3-4 yard 18 inches wide for the chemisette.

5731 Tucked Blouse, 32 to 42 bust.

5744 Tucked Blouse or Shirt Waist, 34 to 42 bust.

5744.—The quantity of material required for the medium size is 3 3-4 yards 21, 3 1-2 yards 27 or 2 yards 44 inches wide, with 2 yards of ruffling.

5730.—The quantity of material required for the medium size is 8 3-4 yards 27 or 32 or 5 1-2 yards 44 inches wide, with 1 3-4 yards of additional material 27, 1 1-4 yards 32 or 1 yard 44 inches wide for the folds.

5730 Seven Gored Walking Skirt, 22 to 30 waist.

5737 Nine Gored Skirt, 22 to 32 waist.

5737.—The quantity of material required for the medium size is 11 yards 27, 6 3-4 yards 44 or 52 inches wide if material has figure or nap; 7 yards 27, 5 3-4 yards 44 or 4 1-2 yards 52 inches wide if it has not, with 6 yards of braid.

5741.—The quantity of material required for medium size (3 years), is 3 3-4 yards 27, 3 3-8 yards 44 or 2 1-8 yards 52 inches wide with 3-5 yards of any width for collar.

5741 Girl's Coat, 4 to 10 years.

5740.—The quantity of material required for the medium size (4 years), is 3 1-8 yards 27 or 2 yards 36 inches wide with 6 yards of banding, 3 yards of wide and 3 yards of narrow embroidery.

5740 Child's Tucked French Dress, 2, 4 and 6 years.

5743.—The quantity of material required for medium size (6 years), is for the under waist 1 yard 27 inches wide with 2 3-8 yards of edging, for the drawers 1 yard 36 inches wide with 1 1-2 yards of edging.

5743 Child's Drawers with Waist, 2 to 8 years.

5736 Boy's Under Drawers, 8 to 16 years.

5736.—The quantity of material required for the medium size is 2 1-2 yards 27 or 1 1-2 yards 36 inches wide.

To get BUST measure put the tape measure ALL of the way around the body, over the dress close under the arms.

Order patterns by numbers, and give size in inches. Send all orders to GREEN'S FRUIT GROWER, Rochester, N. Y.



Simpson-Eddystone Solid Blacks

Fabric, color, and good appearance that endure. The standard for effective black costumes or mourning dresses.

Ask your dealer for Simpson-Eddystone Solid Blacks.

Three generations of Simpons have made Simpson Prints.

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\$1.98 BIG HEATER OFFER

WE HAVE A WONDERFUL one dollar and ninety-eight cent offer we want to make to you on an entirely new HEATING STOVE (an oak heater) we have just gotten out. Nothing like it was ever put on the market before. It will be a great convenience in heating your home, stove, and if you can use a heating stove we want to send the offer to you.

THESE TWO PICTURES show the two best stoves we have, our Best Range and our Best Hard Coal Stove. We have something to offer to you on these two stoves that will surprise the stove buyers, makers and sellers of the world. WE HAVE THESE TWO BIG STOVES STORED IN WAREHOUSES all over the United States, so we can get them to you from the warehouse nearest your home town in just a day or so, and with very little freight for you to pay. OUR FREE STOVE CATALOGUE explains all this.

HERE IS OUR OFFER: Cut out and return postal card or in letter to us and we will send you free, our very big and new Special Stove Catalogue. You will get our \$1.98 Oak Heater Offer, you will get our new Surprise Offer on the two best stoves in the world as shown in these pictures, our ACME TRIUMPH STEEL RANGE AND ACME SUNBURST BASE BURNER.

YOU WILL GET THE MOST WONDERFUL STOVE OFFER EVER KNOWN. OUR NEW PLAN for putting the best stove in the world in your home, on such terms, such low price, very little cost, no possible risk, such easy and very complete conditions will be fully explained. Get our offer and you won't use the old stove next winter, neither would you buy your dealer's stove at one-half his asking price. To get all we have to offer free, today, now as you are reading this notice (don't put it off a minute), get your pen or pencil and write us a postal card or letter and say, "Mail me your FREE STOVE OFFER." Address, SEARS, ROEBUCK & CO., CHICAGO



WRITE US NOW

\$1000 GIVEN AWAY IN PRIZES \$1000

A number of publishers have combined to give away Forty Prizes, valued at one thousand dollars, to the forty people sending in the most subscribers to their papers. We have made arrangements to give our subscribers a chance to take advantage of this magnificent offer. The prizes are as follows:

1st Prize.—A Beautiful Upright Piano, elegantly finished, in Mahogany or fancy Burl Walnut, with all modern improvements, one of which enables the performer to imitate at will, nearly every stringed instrument. Value \$600.00.

2nd Prize.—A new model, high grade Ball Bearing Sewing Machine, value \$40.

3rd Prize.—Sewing Machine, same as above but not quite as highly finished; value \$25.

4th Prize.—Newest Model Talking Machine, finished with large 18-inch horn; value \$30.

5th Prize.—Talking Machine, same as above, but little smaller horn; value \$25.

6th Prize.—Ladies' or Gentlemen's Gold Filled Watch, warranted, with either Elgin or Waltham movement; value \$20.

7th, 8th, 9th, 10th Prizes.—Solid Silver Watch, with fine American movement; value each \$15, total \$60.

11th to 20th Prizes.—Beautiful Smyrna Rug, about 6x3 feet; value each \$10, total \$100.

21st to 40th Prizes.—Genuine Cuckoo Clock, about 6x3 inches, with double weight and warranted good timekeeper; value each \$4, total \$80.

GRAND TOTAL \$1000.00

The above forty prizes will be given to the forty persons sending in the greatest number of clubs. All club raisers must include all of the papers named below, although the papers in each club may be sent to different addresses if so desired. The club is as follows:

Green's Fruit Grower, Regular price, 50c.

Vick's Magazine, " 50c.

Am. Poultry Advocate, " 50c.

The Busy Bee, " 50c.

\$2.00 Club Price, \$1.25

Remember you get all the above papers one year for only \$1.25, whether sent to one address or to different addresses, but each club must contain ALL the above papers.

IN ADDITION TO THE ABOVE PRIZES, we will give premiums named below, to club raisers, whether they receive one of the above grand prizes or not. These premiums will be sent to the club raisers at once, on receipt of the clubs.

For Three Clubs, you may have your choice of a handsome 24-inch Linen Center Piece; Silver Plated, Gold Lined Child's Cup; Stamping Outfit, consisting of 30 perforated patterns and designs; Six Hemstitched Genuine Linen Handkerchiefs, or a box of Fine French Paints with utensils.

For Five Clubs, your choice of a Large Beautiful Doll, fully dressed; Ladies' Pearl Shirt Waist Set, consisting of four pieces of genuine mother-of-pearl, silver plated trimmings; Hot Water Bag; Fine English Steel 4 1/2-inch Buttonhole Scissors, with adjustment attachment; Tapestry Sofa Pillow Top, with beautiful design woven in the cloth; Four Blade, Pearl Handle Pocket Knife, or Large Telescope about four feet in length, with fine lenses.

For Ten Clubs, your choice of a Handsome Imported Lace Stock Collar, all sizes and two inches in width, with four-inch tab in front; Real Gold Plated Neck Chain, 21 inches in length, with plain heart-shaped locket, warranted to wear for years; Fine Sterling Silver Thimble, handsomely engraved; Gold Bracelet, elaborate beautiful design; Daisy Air Rifle; Buster Brown Camera, using films 3 1/2x5 1/2; Boys' or Girls' Nickel Plated, Stem Winding Watch, guaranteed to keep good time.

For Twenty-five Clubs, your choice of a 27 Piece China Breakfast Set, beautifully decorated in natural colors, with roses and forget-me-nots, with green leaves and foliage; Pair of Fine Lace Curtains, 10 feet long and 50 inches wide; Bissell Carpet Sweeper, or Handsome Pair Tapestry Portieres, 8 1/2 feet long and 3 1/2 feet wide, beautiful pattern and fine quality of tapestry.

Remember you get these premiums in addition to the chance of competing for the forty grand prizes. These will well pay you for your trouble in getting these subscriptions, and you never can tell how few clubs will get the handsome piano offered. This piano and other prizes will be given, even if the highest number of clubs sent in by one person should be only twenty or twenty-five. Should two or more prize-winners send in the same number of clubs, the cost of the prize will be divided. This offer expires January 1, 1908, and all competitors must send in a complete list of the clubs by the tenth of January, 1908, so that we may compare them with our records. Sample copies of any of the above papers will be sent to those desiring to get up clubs.

HOW TO MAKE THE OLD FARM PAY.

Subscribe for this club of papers whether you compete for the above prizes or not. Your own order will count for one when selling this club. It makes no difference if you are already a subscriber to any of the above papers, we will credit you one year on each.

(1) Green's Fruit Grower for Farming and Fruit Growing.

(2) Vick's Magazine for Flowers and Gardening.

(3) American Poultry Advocate for Poultry Raising.

(4) The Busy Bee for Stories and Entertainment.

And you have the papers throughout the year that will tell you how to make the old farm pay.

CUT THIS COUPON OUT.

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Canadian orders must enclose 24 cents postage for each paper in the Club.

Address, GREEN'S FRUIT GROWER, Rochester, N. Y.



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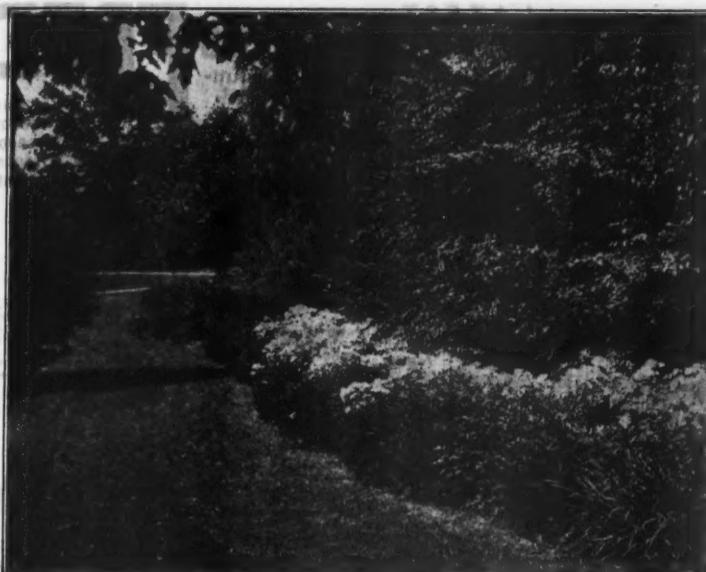
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A border of phlox on the grounds of C. A. Green, Rochester, N. Y. There is no flower so attractive as phlox which can be grown with so little expense and care. Once planted it will blossom for nearly a lifetime. The flowers are all shades from white to crimson and dark red. Its foliage is also attractive. Fall is the season for planting phlox. It can easily be transplanted and is inexpensive.

Van Deman's Answers to Inquiries.

Continued from page 4.

a tall stake label prepared for each variety. Having selected a very well drained spot a trench should be dug with a sloping side to the south. Into this trench lay the trees with their tops pointing southward and at an angle of about 45 degrees. Drive the stake labels in position and then fill the earth over the roots of the trees. Sift and tramp it hard all through them and if the tops are covered as well it will be still better, for then there will be no danger from winter injury nor from rabbits or mice gnawing them. Depend entirely on the stake labels for the names of the varieties.

What shall we do with the low-grade apple this year? The crop is light and there will be higher prices than usual we think, and may be there will be no need to cull them close. What is your opinion?—L. B. S., New York.

Reply.—It would be a great mistake to send poor apples to market mixed with good ones. The plan of carefully sorting the fruit in a poor crop year is just as correct as in a good one. The prices of the different grades are sure to be higher and just as distinct as when they are low. The very poor culs should not be sold at all, except to those who know just what they are and where the low price is not likely to affect the price of good apples. In ordinary seasons it is better to feed the low grades to stock or make them into cider than to burden the markets with them. Every lot of poor stuff that goes to market makes just that much less room for something good. To leave the good and bad together is rank folly.

The time is about at hand for storing winter apples and I would like to know how to have them keep the best. We live near a city and could use the cold storage house if it is really necessary. What is the best plan to follow?—L. J. K. of New York.

Reply.—There is one fact that has been well worked out and proved beyond any question in regard to storing and keeping winter apples and that is, that they should be allowed to color well if red before gathering and then hurried into the coolest place available. Apples that are picked too soon will never be of so good flavor as if they have been allowed to properly mature, but there is no fixed time in any section for gathering and storing any variety. That depends on conditions and requires good judgment. Nor will apples gathered too soon keep so well in storage as if allowed to get just mature enough to be good eating, when fully ripe. They will "scald" in cold storage far more easily than if more mature.

Not a day should be lost in hurrying the apples from the tree to the place of storage. This is of the utmost importance. They will ripen far faster in warm air off the trees than on them. A good cellar or fruit house that is not easily affected by outside temperatures is good for keeping apples but it must be cool. The lower temperatures that can be maintained, not to actually freeze, the better. It has been proved that apples keep in cold storage at from 32 to 34 degrees above zero better than at higher temperatures and that they do not freeze at 22 degrees.

As to utilizing cold storage warehouses, if they are reliable and kept

properly, there is profit to those who are not too far distant in using them. Living in Washington city, as I do, it is the very wisest thing I can do to put our winter apples in the cold storage warehouse, for we have a very good one. I have just laid in a full supply of Grimes for family use. There is no apple quite equal in rich flavor to this delicious variety and as it does not keep so late as some other kinds it requires to be very properly handled. We can draw out a barrel at a time as we need them, and this we do every winter. Anyone who is conveniently situated can do the same and the charge of 25 cents per month per barrel or ten cents per box will be found to be cheaper than a lot of rotten apples stored in a poor place for keeping them.

Will it pay me to join and attend the meetings of horticultural societies? I have not done so except a few times.—S. S. T., Ohio.

Reply.—One might as well ask if it pays to go to church. Of course it pays to belong to such societies and then to attend the meetings. It is over forty years since I began doing so and I feel sure that no time or money that I have ever spent has brought better returns. Those who stay away from such gatherings do not realize what they are missing or they would not fail to go. And all who go should take part in the meetings for everyone knows something that will benefit others.

H. E. Van Deman.

Bears and Fishing.
Written for Green's Fruit Grower by C. T. Lewis.

I know most boys are fond of rhyme, And so we'll talk of the olden time, Of my childhood home down by the sea. When old Acadian woods were wild and free Where moose and bear and jumping deer Fell neat the huntsman's deadly aim, And the sound of the gun I'd often hear, For the woods were full of fattest game.

And there was speckled trout in the brooks, These were taken with sharp steel hooks; Never saw any fly hooks in those days With which fisherman nowaday plays. We dug angle worms from the yard, Then rolled the squirmers in some card. Took a lunch and hied away Leaving the old folks spreading hay.

Mrs. Edwin Snow, Spencer, Mass., writes under date of May 25, 1907: "It is with pleasure that I send you these few lines telling you what your Absorbine has done for my husband's leg. He has had a Varicose Ulcer for twenty years and could get nothing to heal it until he got your Absorbine Jr. and that is doing the work. I shall not be without it in the house." Absorbine Jr. for mankind is an antiseptic, germicide and disinfectant, mild and pleasant to use.

Every man ought to marry a woman who is a good manager, because few men are any good unless they are properly managed.

When a man's first baby arrives he wants to treat all his friends; when the seventh comes along he expects all his friends to treat him.

If agriculture is properly taught in the schools of any community, says "Farm and Ranch", there will soon be seen there an improvement in all kinds of live stock, seeds used, manner of preparing land, the implements employed in the daily work, and the house in which the farmer lives. This has all been proved by results now in hand.

Green's Fruit Farm 1907 Observances.

January—More mild weather and mud during this month than we usually get in the four months of winter. No old fashioned snow storms or zero weather. Currant cuttings which show an unusual tendency to get out of their original position are pressed in.

February—Snow flurries, mud, zero, all kinds of the most unpleasant weather. Men push inside work mainly.

March—February weather repeated during the first week or ten days. Robins seen on the 17th and bluebirds on the 23d. Roads in an awful condition, hard work for a stout team to draw an empty wagon. All hands driven to shelter by a thunderstorm on the 26th.

April—Sharp freezing weather the first week. Cool days and nights and muddy roads prevail. Strawberry beds show injury owing to unseasonable winter.

May—Snow on the 4th and a heavy fall on the 10th. Spring planting hindered ten to fifteen days. Peach blossom buds are found to be dead. We rush dehorning many trees and cutting back all others severely.

June—No worms on currants and gooseberries this season. No tent caterpillars in the apple orchards, but spraying is done thoroughly in the orchards for other pests. No picking of strawberries before the 25th, 19 days later than in some seasons.

July—Nice showers falling, strawberries ripening and yielding better than expected. Good pickings from the 1st to the 10th. Black raspberries ripe on the 19th, Red Cross currants on the 20th and Montmorency cherries on the 23d. Busy with the hay these days, budding roses and pears. Picked fruit of all kinds sells at from two to five cents higher than usual. Currants contracted for at seven cents per pound were delivered, the balance netting nine cents per quart when sold through a Pittsburgh commission house.—E. H. Burson.



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Fruit Farm Stories

A HEROIC FARMER'S WIFE.

How She Struggled to Help Her Husband Succeed.

The editor of Green's Fruit Grower spends a few weeks of almost every summer at Chautauqua Assembly, N. Y., Chautauqua Lake.

Chautauqua is a village containing from ten to twenty-five thousand people during the summer months and about five hundred people each winter. It is surrounded by a high fence to keep out intruders. Those who enter the grounds must pay at the rate of one or two dollars a week for the entertainments provided.

One day I went outside the gates to interview the twenty or thirty farmers who were lined up along the roadside with loads of butter, eggs, fruits, vegetables, milk, cream and other farm products which find a ready sale to the people who spend their vacation at this place.

"Do you know of any abandoned farm in this locality?" I asked.

"I know of many farmers who have abandoned good farming, but I know of but one abandoned farm if such it may be called. This is a farm of 160 acres. The owner is an old man who has seven sons. These boys, in the years past, have worked the farm, but now they have all gone to the neighboring cities, Jamestown and Buffalo, N. Y. The aged farmer has found it difficult to get help, therefore not a stroke of work has been done upon the farm this year, every acre being left to grow up to weeds and grass."

One bright man interested me, therefore I jumped into his wagon and rode home with him. He had a farm of sixty-four acres, five miles from Chautauqua, forty acres in cultivation, twenty-four acres in woodland, which he must sell on account of ill-health, his price being \$1,500, or less than thirty dollars per acre. This farmer remarked that we would not find his wife at home, since she was driving a team on the road, delivering milk from a dozen or more of the neighboring farmers to a creamery five miles distant. On arriving at his home over beautiful roads, with well kept and productive farms on either side, and numerous attractive maple groves, I was shown over his little farm. On returning to the house we met the wife driving into the yard with a big team of bays. She had evidently been of strong constitution. She was about the average height. She was tanned like a soldier, was dressed in clean calico and wore a man's straw hat. While her husband was unharnessing the team and attending to other duties at the barns the wife showed me through her house and told me the story of her life.

The Story of a Heroic Woman.

You ask me if I have time to read. No, indeed, not a moment. I arise from bed at four o'clock each morning and often work until ten or twelve o'clock at night. I have had a hard life.

My troubles began at an early age. While I was six years old my father died and soon after I lost my mother. After her death I lived with an uncle who was a poor man who could not give me many advantages. I attended the district school and did hard work for his family until I was sixteen years old, at which time I married. My husband was a good man but somewhat adventurous. After five years of married life he joined an expedition to the North Pole, where he perished. His body is to-day embalmed in eternal frost on the icy mountains of the north."

Being left without money or property of any kind I began work as a nurse, at which I continued several years. While nursing a sick woman I became acquainted with the doctor who was attending her and at the end of a year married him. He was at the time a widower. You have seen him here today. He is intelligent, progressive and treats me kindly, but he is not one of those men who succeed. He is too fickle. He started out as an ordinary physician; later he became an herbal doctor. He traveled about the country with several Indians, their squaws and papooses, who would set up their tepees in the suburbs of each village, attracting much attention. Each evening he would march into the village with these Indians, addressing the people, and selling them his herbal remedies, often making one hundred dollars a day.

But he spent his money freely. He had accumulated over \$12,000 when he was enticed into relations with hypnotists. He could perform sleight-of-hand feats. This led the hypnotists to believe that he could be helpful to them in their at-

Comments by the Editor.

I have long had sympathy for the farmer's wife. I have seen that on many farms the wife works more hours than the farmer and has fewer recreations. Many farmers' wives keep a boarding house. Their boarders are the husbands, the sons, daughters, and the hired man. She must get up early in the morning to prepare breakfast and immediately after her morning's work is done she is engaged in preparing dinner. After dinner there is but little rest before supper, and after supper the milk and butter must be looked after and other household affairs, thus it is often

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nine o'clock at night before her day's work is done. There are many farmer's wives working from twelve to fourteen hours each day.

This is the age when laborers are calling for an eight-hour day, especially in factories. Suppose the farmer's wife should strike for an eight-hour day. In that case she would begin work at eight o'clock in the morning and stop work at five in the afternoon. How would this do on the farm?

But, you say, the remedy is that the farmer should have a hired girl. Such a servant it is about impossible to secure. But she has daughters who can help her? There are some instances where daughters are helpful to their mothers on the farm, but many mothers are indulgent and prefer to have their offspring taking music lessons or attending school in a neighboring seminary. In most cases the daughters marry at just about the age when they are able to be most helpful.

I do not publish this truthful but dolorful experience of the Chautauqua farmer's wife with the intention of insinuating that the average farmer's wife labors as she labored, for this would not be the truth. This Chautauqua woman is an exception, but there are in this country and in other countries thousands of women working and suffering just as she has worked and suffered.

How the Trust is Trying to Wreck Gordon-Van Tine Co.'s Business.

The inevitable result of the movement of Gordon-Van Tine company, which started to revolutionize the selling of building material was to so astonish and then frighten the lumber dealers, that they began to write letters to each other, and finally called conventions to determine what to do to stop what they called the "plague of the business."

Finding that the matter of meeting prices was entirely out of the question, and consequently that they could not fight in the open on anything like a basis of equality, they started guerilla tactics and sought to harass their growing and hated rival in Davenport by all sorts of dastardly methods. The article which follows is a fair specimen of their "call to arms." This was printed in a little black book; no name was signed to it; no imprint appeared on the envelope in which it was sent to dealers, but it was despatched on its mission like a "thief in the night" because its author was either afraid or ashamed to acknowledge it. Here is what the little black book says:

It is beyond doubt that the greatest menace to the lumber business to-day is the competition of the mail-order house which has wrought such havoc in the ranks of the small merchants throughout the country.

Although a vigorous effort toward meeting the competition of such concerns is of vital importance, it is believed that at the present time Gordon-Van Tine & Company, otherwise the U. N. Roberts company of Davenport, Ia., is the most formidable competitor of the retail lumber dealer, not only because of their own activity, but because of the probable result of their success, if they succeed, upon all other manufacturers of mill work.

In order to successfully compete with them, it is necessary for every dealer to keep in close touch with them and know what prices are quoting to his customers. To accomplish this the following line of action should be persistently, faithfully and systematically carried out. Then follows the system of warfare.

People who love flowers read books and these keep them too busy to talk scandal.

The man whose horses come to meet him in the field, and whose chickens will eat out of his hand has some of the symptoms of Christianity.

It takes a monkey a thousand years to make a man of himself, but a man can make a monkey of himself in a very few seconds.

Economy is not stinginess, and the distinction between the two cannot be too well learned. Money can be saved without stinginess and spent freely without being wasted.

From Florida: In Florida summer is our leisure time, for after June our orange groves are mostly left to mature their fruit without much more cultivation, and our extensive and intensive gardening and trucking operations are over for the season or until fall, so we then have time to visit our friends north, go to the seaside, or lounge about home. Lying in our hammocks in the shade of an orange tree, with the cool breezes fanning our brows, we can just enjoy ourselves reading Green's Fruit Grower or other good papers and books. We find a great deal of useful and interesting information in Green's Fruit Grower even for us here in Florida and in the summer months we can take our time to read up. Long may it flourish and prosper.—C. H. Ward, Florida.

An electrician is always posted on current topics.

ABOUT THE STOCK OF GREEN'S FRUIT GROWER COMPANY, INCORPORATED.

This may or may not be news to many of our readers. Green's Fruit Grower Company has recently been incorporated under the laws of New York state, with a capital of \$50,000. A number of our friends and subscribers in different parts of the country, representing almost every state in the Union, have sent us orders for a few shares of this stock, which has been offered at ten dollars per share, its par value. Charles A. Green personally guarantees six per cent. dividends on all stock sold to subscribers.

Those who are interested in this proposition should write Green's Fruit Grower Co., Rochester, N. Y., for circular giving particulars.

What I Would Do If I Were a Woman.

Written for Green's Fruit Grower.

I would not have the patience to wear a woman's dress and furbelows. Man's dress is far more sensible and practical than woman's. If I wore dresses I would not wear long dresses upon the street which trailed in the dust. I have not decided what I would wear upon my head if I were a woman, but I am sure I could not manage one of those balloon-shaped hats, especially when the wind was blowing hard. I would wear low-heeled, sensible shoes. I would dress more warmly in cold weather. I would aim to make myself comfortable even if I did not look quite so stylish. I would preserve my health better than the average woman, believing that there is no dowry so valuable to bestow on husband and children as good health. I would be saving of my husband's money, considering it my money as much as his.

If I were a woman I would make something of a hero of my husband. I would not assume to be wiser or better than my husband. Nothing rankles so in a man's heart as the feeling that he is not a hero in the light of his wife's or children's eyes, but that he is simply an inconspicuous individual. Every man desires to be a hero and considers himself heroic. Most men are willing to do heroic deeds for wife and children, in fact most good husbands do act heroically. I would not criticise or find fault with my husband. If it should be necessary to find fault with him occasionally I should wait for a favorable opportunity when he was not tired, hungry or annoyed with other affairs.—B. R.

Oregon Timber Lands.

Editor Green's Fruit Grower: One July day we loaded our wagon and drove twelve miles up the river and camped near a saw mill where my husband had formerly been employed. We pitched our tent and prepared to live for a while on this spot making it our summer outing. Our whole family were present. We waded and swam in the river and took long tramps over the mountains and valleys. We watched the felling of the big forest trees, three hundred feet high, with fifty or sixty feet distance from the ground to the first limb. These great logs are drawn to the mill by a wire cable and a donkey engine. Sometimes half a dozen logs are drawn in a string in this way.

The saw mill is considered a small one, cutting 15,000 feet of lumber each day, larger mills cut 100,000 feet each day. Oregon possesses one-sixth of all the standing timber in the United States. From the mountain top I can see hundreds of thousands of acres of the finest timber untouched by the axe, but do not think that all of Oregon is covered with timber, for there are many fine farming districts here.—Fannie E. Morris, Ore.

The late Sir Wilfred Lawson, well known as an English temperance reformer, as well as a wit, invariably took a cheerful view of life and conduct.

In conversation with him one day an ardent person railed forcibly against the practice of "christening" vessels with champagne before being launched. Sir Wilfred did not altogether agree, and said a good temperance lesson might be learned from the practice.

"How can that be?" demanded the other.

"Well," replied the baronet, "after the first taste of wine the ship takes to water, and sticks to it ever after."

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Wheat lodges because the stems are weak.

Potash

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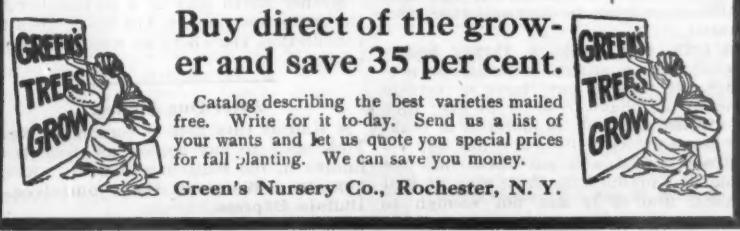
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Orchard News.

Talks on Orchards.

At the Illinois State Farmers' Institute, held at Quincy, Ill., in February, the horticultural interests of the state were by no means overlooked. Two very instructive talks were given by H. A. Aldrich, of Neoga, former president of the Illinois State Horticultural Society, and H. M. Dunlap, of Savoy, president of the American Apple Growers' Congress. Mr. Aldrich spoke of "Soil Management of Orchards," and said, in part, says New York "Tribune Farmer":

Heretofore have we devoted all our thoughts and energies to the perfection of the fruit crop after it has started, but the many failures of our fruit plants to set a crop have very forcibly impressed upon us that we must go still further back and give proper attention to the soil. On the subject of soil cultivation our own experiment station, as well as others, have been teaching us line upon line, precept upon precept, here a little and there a good deal, until we should be filled to overflowing with all necessary information pertaining to this department. Still, there is one thing not yet quite comprehended—while we must have cultivation, it is by no means necessary to have a surplus of it; it must not be continued too late. If we could have cultivation and cover crops at the same time, it would be an ideal condition. And the proper thing for us to do in the near future will be to ferret out and provide a cover crop fulfilling such a condition.

HOW TO MAINTAIN FERTILITY.

Our own experiment station has started a series of experiments on one of the most vital problems that confront us to-



DELICIOUS NEW YORK PEACHES.

day, and that is, how to maintain the fertility of our soil so that trees may produce a crop of fruit of good quality almost every season and yet remain healthy and vigorous. It stands to reason that fruit trees occupying one position, with no rotation, cannot always pump the same nutrients from the soil without exhausting it. Neither can they be expected to return crop after crop without something being provided to make those crops from.

You might as well expect a manufacturer to run out goods without raw material. Our first impressions were that as our fruits were composed mostly of water they did not draw heavily on the soil, but later experience has shown they draw more heavily than annual crops of grain. Crops that take only one season to mature can be shifted from field to field and in that way ease the strain until the soil can partly recuperate; fruit trees, however, continuing from year to year in the same spot, and that a very limited one, drawing precisely on the same plant food year in and year out, must have some outside assistance or something will collapse that will seriously affect our finances.

It is claimed by best authorities that an acre of trees in twenty years, counting ten crops of fruit to that period, will consume 1,336 pounds of nitrogen, 310 pounds phosphoric acid, and 1,895 pounds of potash. To restore the potash alone would require more than twenty-one tons of high grade ashes, containing 5 per cent. potash. How much of this amount does the average fruit grower return to the soil? If we were fattening a steer for market and should give it only half rations, how much profit would that steer return?

A fruit tree is like a thrifty housekeeper with a stingy helpmate or provider. It has to put forth a certain amount of foliage in order to live; then it will use some of its material in making wood growth; then, if it has any resources left, it will put them into the buds that produce the fruit crop of that season, and if it has not enough to



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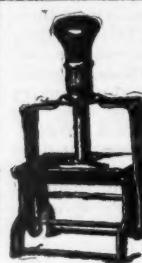
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with your name and address. This is a valuable premium. It is a nickel-plated machine which you can carry in the pocket, with self-inking rubber type, which stamps your name and address on envelopes, letter heads, etc., so that your letters cannot go astray. Sent to all who send us 60c for our paper one year, who claim this premium when subscribing.



PREMIUM No. 5.

This pocket book is like the one in which C. A. Green carries his silver and paper money. It is made of two thicknesses of leather, leather lined, with 3 compartments as shown in photograph above. We send this by mail to each subscriber who sends 50 cents for Green's Fruit Grower one year, and who claims this premium then.

PREMIUM No. 6
A NEW READY REFERENCE BOOK

Green offers as a premium or gift to his subscribers. It is called Facts and Forms, a hand-book of ready reference. It gives facts in letter writing, book-keeping, business forms, interest, grain and wage tables, lightning calculators, common and commercial law.

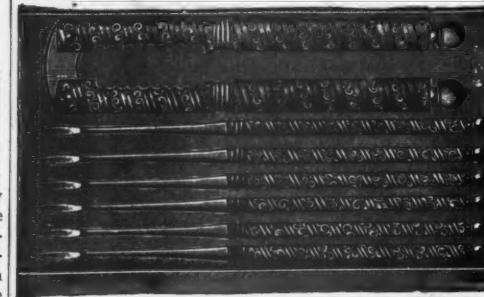
This book is a library of itself for the business man. There are 256 pages illustrated. C. A. Green says this is a valuable book, one that will be useful.

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Send 50 cents for Green's Fruit Grower one year and ask for this gift when sending the money.

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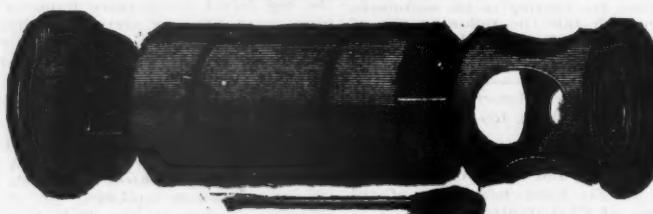
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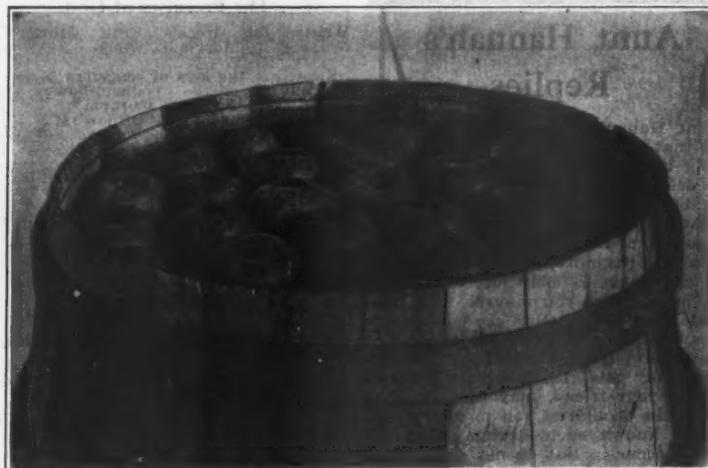
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References: Foreman Bros. Banking Co., Metropolitan Trust & Savings Bank



This cut, with two others kindly sent us by Prof. W. N. Hutt, of North Carolina, illustrates the facing of the barrel of superior apples. Notice that when this barrel was first filled it was necessary to round up the apples at the top of the barrel more than shown in this cut. After the paper padding and pressure had been applied and the barrel had been unheaded the apples will look as shown in the above cut.

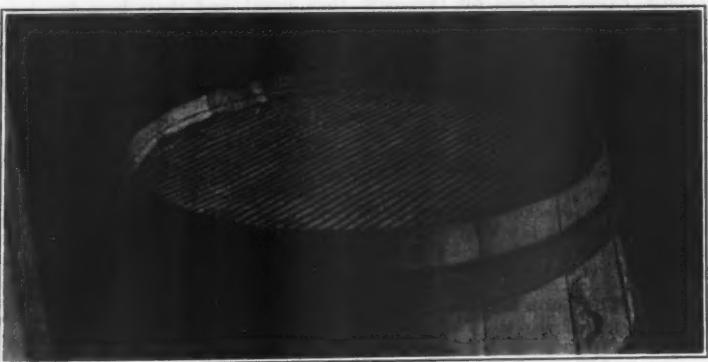
Apples on the Small Farm.

Harvest apples, such as the Duchess, Whitney Crab, or Tetofsky, must be gathered about grain-stacking time, and other varieties generally ripen in about the busiest time of the year. Such a condition in this part of the country in a good apple year leaves lots of fruit under the trees to rot on our large farms with really good orchards, and only he that has time and help can make a financial success of fruit raising. After deciding to start an orchard, a good way to start one is the same as a berry patch.

cause the root system is not so likely to be damaged in digging them in the nursery as larger trees with a correspondingly larger root.

Set the trees about two inches deeper than they grew in the nursery. You can tell by the stem how far up the earth reached in the nursery. A northeast slope with a clay sub and light top soil is as good or better than a southern exposure.

When apples are ripe, pick them by hand, and handle without throwing, pouring, or dropping them, and if acci-



Above cut shows the paper padding placed over the fruit before placing on the head to prevent pressing the apple.

Put out some trees every spring after dentally some get bruised, keep them out to use up; for they will spoil others by carrying the germs of rot into storage. A low wagon with a dray platform and low sideboards, with a step-ladder so fastened that it can be raised and lowered by pulling together and apart is a handy contraption. Spread a layer of hay or straw on; then a layer of apples, another layer of hay and apples, till you get a load; but it is better to go with two layers than more on account of the weight acting unfavorably on the lower tiers. A good set of wagon springs is of more value here than in almost any other kind of farm work.

If the market is unfavorable, store the apples in pits. Dig the pits about six inches deep in a sheltered place, lay out with straw and place apples in here not more than 2 1/2 feet deep at the ridge center or deepest point. Cover with 6 inches of clean hay and 3 inches of the earth dug out. When the thermometer sinks down close to zero more hay must be put on; but the price of apples most years reaches a point where the temptation to sell makes extra covering unnecessary.

For home consumption, be sure to plant a few trees of reasonable apples to enjoy the luxury of them from harvest time until the following spring or summer. Don't forget the Malinda for a long keeper.

A few plum trees of some prolific variety, planted and cared for according to



The above cut illustrates the usual method of placing in the heads of apple barrels after the barrels are filled with fruit.

the directions for apples, except a shadier location, will help out the home raised fruit supply. For some reason the plum tree does better in clusters, or shady locations, than as individuals standing alone. Perhaps the weight of the pollen has something to do with it, where bees are scarce and insect life is dormant at plum blossoming time.

Every farmer should manage to have all kinds of fresh fruit that will grow in his locality throughout the season.—Exchange.

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Aunt Hannah's Replies

Aunt Hannah: A disconsolate lover says that he has been waiting upon the young lady for eight years. He loves her dearly but she says that she can only be a friend. She says she would like to love him but cannot.

Aunt Hannah's Reply.—This girl has given you the mitten. The best thing you can do is to look out for another girl, hoping that you may be more fortunate next time. Girls are queer creatures, therefore it is possible that when you begin paying attention to another young lady this girl, who says she can only be your friend, may discover that she thinks enough of you to marry you. I have known such strange things as this to occur. But do not depend upon the thing I have suggested as possible, but set out earnestly in search of a wife elsewhere.

Dear Aunt Hannah: My lover talks to me as though he expects we are to be married soon, but he has never made me a direct proposal of marriage. He has never asked me to marry him, but he is continually referring to our marriage and to our starting housekeeping. I am not at all pleased with this condition of affairs but what can a girl do under such circumstances?—Fanny.

Aunt Hannah's Reply.—No man has a right to treat the woman he loves or any other woman in the way your lover treats you. He has no right to assume that you are to marry him and that you are to set up housekeeping since he has not asked you to marry him, and there is no engagement between you to marry. There are two ways to look at the actions of this lover; he is either ignorant and does not know any better or else he is tricky and wants to leave a loophole so that, if he desires to change his mind and not marry you, he can claim that there was no engagement. My advice is that you use tact in having a better understanding with this man. When he again refers to your coming marriage or housekeeping tell him plainly that it is not fair to you to make such insinuations so long as he has never asked you to be his wife.

The Coon Hunt.

Let me tell you the story that cured me of careless speaking as it was told to me by one of the party.

Several years ago five young men were coon hunting in the woods between Trumbull and Long Hill, Conn. They had been out most of the day and were as yet unsuccessful in capturing any game until late in the afternoon, the dogs barked furiously some distance in advance.

On reaching the spot the youths found that the dogs had treed a large coon.

After several vain attempts at shooting it one of the party, a boy of 19 years, offered to climb the tree and get him down in that way.

Putting on the climbers he went up the tree, which was a shagbark walnut and therefore very difficult to cling to.

After climbing several yards he looked down and said: "O, I'm afraid I'm going to fall." In the excitement one of the boys said, "Well if you do, I hope you'll break your neck."

Before the climber had reached the next limb he slipped and came crashing through the branches.

He fell at his companions' feet where he lay and trembled from head to foot, then stiffened out. He was dead, he had broken his neck.

They took him home on a stretcher made of thick boughs to his widowed mother. Do you wonder that it almost killed the mother to have her only child meet such a death? What of the boy who had wished him this fate? From that moment he was a changed man.

He would have given all to have recalled those hasty words but it was too late.

He became morose and I doubt if that awful picture will ever leave his mind. How much better it is to be careful in our talk than to perhaps regret it all our lives.—Robert E. Barr.

Editor Green's Fruit Grower: Just a word in compliment of the August issue devoted to items of Human Interest. Would say that this number is the acme of excellence. I especially appreciate the general tone of your paper which is broad and liberal.—L. G. Higgins.

Tommy—Did you do much fighting during the war, papa?

Fapa—I did my share of it, Tommy.

Tommy—Did you make the enemy run?

Fapa—You're right, I did, Tommy.

Tommy—Did they catch you, pa?

The Promises of God.

Written for Green's Fruit Grower by Marvin L. Piper.

Sweet are the lays of songsters That sing in the woodland bow'rs, And sweet the air of morning That bears the scent of flow'rs; Dear are the hills and valleys Which we in youth have trod, But sweeter and far dearer Are the promises of God.

Great are the many wonders Which human hands have wrought, And precious are the blessings Which human hearts have sought; And dear to every mortal Are the home paths often trod, But greater and more precious Are the promises of God.

Largest Shipment of Strawberries.

Editor Green's Fruit Grower: A gentleman visiting this city from North Carolina tells us that Chadbourne, N. C., near the South Carolina line in the southeastern part of the state is the greatest strawberry growing and shipping section of the world. He says that 210 carloads have been shipped from Chadbourne in one day. Rochester, N. Y., canning house men and proprietors of fruit syrups go to this point and buy carloads of strawberries. He tells Green's Fruit Grower that on occasions there was a shortage of cars for shipping strawberries. The railroad company had agreed to supply enough cars to ship all of the fruit, therefore they were responsible for the great loss which occurred to the growers. On this occasion fifty carloads of strawberries were thrown away for lack of opportunity to ship them owing to the scarcity of cars.

This man reports that the season of 1907 has been a very profitable one for shippers of fruit from North Carolina, that they have received better prices than usual, and that there has been a better demand for strawberries. This is owing partly to the late ripening of strawberries at the north.

The season of 1907 will go down in history as a season of diminished yields of strawberries in many parts of this country. Late frosts damaged the strawberry crop in many localities. Owing to the unusual lateness of the season of ripening the crop was thrown into a season of drought. Then again came another misfortune. The bees and other insects did not work among the strawberry blossoms so freely as usual, therefore the blossoms were not so fully fertilized. —B.

Prices for Farm Implements.

Dealers in agricultural implements, farm wagons, manure spreaders and other kindred lines will soon be called upon to inform their customers of an advance in price. In fact, many manufacturers have already made an advance.

Implement manufacturers have purchased for their work over 100,000 tons of iron and steel bars and shapes. The price paid for next year's deliveries is about 10 per cent. higher than the contracts that were made a year ago. Pig iron, cold rolled shafting, bolts, nuts, washers, screws, and in fact, almost every item going into the manufacture of the implement line have advanced from 10 to 15 per cent. for 1908 deliveries. Lumber, particularly oak and hickory have advanced steadily in price for the past few years. The average advance for 1908 over 1907 will not be far from \$10.00 per thousand feet. Wagon rims and spokes have advanced for 1908 from 10 to 20 per cent.

Manufacturers in general feel that they are entitled to better prices; in fact, it is impossible for the manufacturers to continue selling their product at anything like the present prices. Implements have not kept pace with the advance in raw materials. The high prices of raw material and the low prices that implements have been sold for have put the manufacturer where he has not enjoyed any part of the general prosperity of the country. The raw material man and the consumer have reaped the full benefit.

Between 1900 and 1907 the value of farm property in the United States increased from \$20,400,000,000 to \$28,000,000,000, a gain of \$7,600,000,000. The total capital of the national banks of the United States is \$808,000,000, or only one-ninth as much as the actual increase made in farm wealth in seven years. Moreover, this increase of farm values in seven years is equal to about 6 per cent. of the capitalization of all the railroads of the United States built up during the last 75 years. What the farmers have done in seven years, which is really the most striking fact in American business history, is typical of the amazing progress and prosperity of the whole country of late years, though in no other lines of development has the advance been quite so wonderful as that of the farmers.

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Let Us Send You a Dollar's Worth of Dr. Van Vleck's Great New Treatment TO TRY FREE.

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To every reader of Green's Fruit Grower who is troubled with Piles or other rectal trouble of any kind, we make this offer: We will send you a full Dollar Package of Dr. Van Vleck's 3-fold absorption cure for Piles, Ulcer, Fissure, Prolapse, Tumors, Constipation and all rectal troubles, without cost. Try it in the privacy of your own home.

Then if you are fully satisfied with the benefit received, you can send us One Dollar. If not, we take your word and you keep your money. You decide. You can see that we couldn't afford to make this offer if the treatment didn't cure, even after all others had failed. Don't hesitate to accept this wonderful offer. Write today to Dr. Van Vleck Co., 1079 Majestic Bldg., Jackson, Mich.

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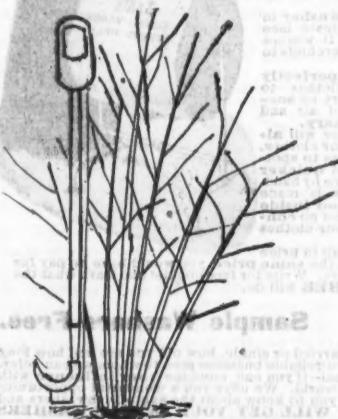
Professor U. P. Hedrick and his assistants at the New York Agricultural Experiment Station are busily compiling data for a new work, "Grapes of New York," a companion volume to "Apples of New York," issued from the institution in 1905. While it will be at least one year before the book is completed and printed, still the reference work description of varieties and the preparation of the illustrative material is progressing rapidly.

In connection with the preliminary work for this important book the horticulturists have made a canvass of the different grape areas of the state. From information thus collected the horticulturists calculate that there are 52,500 acres of grapes in New York. This acreage is apportioned among the several districts of the state in the following proportions: Chautauqua district, 30,000; Canandaigua and Keuka district, 15,000; Hudson river district, 3,000; Seneca Lake district, 2,000; Niagara district, 1,500; miscellaneous areas, 1,000 acres.

As to varieties, it was found that the Concord leads all others, being 70 per cent. of all grapes grown in the state. The other varieties follow in this order: Catawba, 10 per cent.; Niagaras, 8 per cent.; Delaware, 4 per cent.; Worden, 2 per cent., and Moore's Early, 1 per cent. The remaining 5 per cent. of the grape acreage of the state is scattered, including the following, given according to their importance: Agawam, Elvira, Pocklington, Clinton, Salem, Champion and Ives.

Pruning Raspberries After Fruiting.

Editor Green's Fruit Grower: After the fruit is harvested it is our practice to cut and burn old raspberry, gooseberry and currant canes. From blackberry and raspberry plants we remove all wood older than the present season's growth, also new canes that are weak or crowding—leaving eight to twelve canes per plant of red raspberry and blackberries. Fewer canes (about six as in Fig. 1) of black raspberries are left as these naturally make more branches.



We remove all canes over three years old from currants and gooseberries and leave a new shoot to take the place of each old cane removed. After pruning, a bush consists of six to twelve

canes of all ages from one to about four years; and there is approximately an equal number of canes of each age. In addition to cutting out old canes and superfluous young shoots, the young wood on the old canes that are left is thinned out and shortened to from eight to twelve inches.

For cutting out old canes a special pruning hook (Fig. 2) with a cutting edge and a chisel-shaped piece on the back, also provided with a cutting edge, is used. The tool serves as a brush hook in one case and in the other, when the chisel-blade is used, it serves as a spud. Montgomery Ward & Co., Chicago and other implement dealers sell these instruments.—Orion Thompson, Mo.

Strawberries, 1907.

Editor Green's Fruit Grower: A most unusual winter of alternately freezing and thawing spells followed by a late cold spring had a demoralizing effect on the beds. In locations where the soil was springy or low the plants heaved badly and this trouble is perhaps next to severe frost in blossoming time. On June 25th we secured a light picking some 16 days later than the usual season for picking. For the first ten or twelve days in July we had fairly good picking, active pickers making from \$1.50 to \$2.00 per day. Main varieties fruited were Senator Dunlap, Corsican and Brandywine. Cardinals showed up well. Prices realized for berries were higher than usual, starting in at 15¢ and not going below 10¢ per quart.

I had nearly forgotten to mention that we had one bed of the old favorite Jessie, which gave a grand crop. Our soil suits this variety unquestionably. Spring set beds are looking fairly well, but a bed of about two acres that was set the first week in October, 1906, is a picture worth looking at.—E. H. Burson.

The Strawberry-Raspberry.

Editor Green's Fruit Grower: This odd fruit introduced from India to England as long ago as 1812, and cultivated both here and in Europe for decorative purposes for many years, is now undergoing a revival, and being sent out as a gilt-edged novelty. Its Latin name is Rubus rosae folius. The large single white flowers appear in July and last well through August, and are in themselves quite attractive. The brilliant orange-red fruit commencing to ripen late in July and lasting until well into September are the plants' greatest charm.

The strawberry-raspberry makes a fine shrubby plant where it can have room to spread. It needs an open sunny spot and in good soil grows three feet high. In a cold climate it dies to the ground each winter. The new shoots carry the flowers and fruits. It is useless planting this fruit in rows. It increases with incredible rapidity and ought to be given a corner where it can spread ad libitum. Given a coating of rotted manure each fall it will produce splendid fruit in quality.

At the Pomological Convention in Boston some years ago some of this fruit was shown. The experts generally pronounced the fruit worthless. This condemnation was too sweeping. Had those condemning grown and tasted it they would have moderated their opinions. The fruit tastes flat in a raw state, but sugar brings out a decided raspberry flavor, and with cream it makes a nice dish. Stewed it makes a delightful sauce, while bottled in a whole state we consider it very desirable, fully equal to strawberries and not far behind raspberries in quality.—W. N. Craig, Mass.



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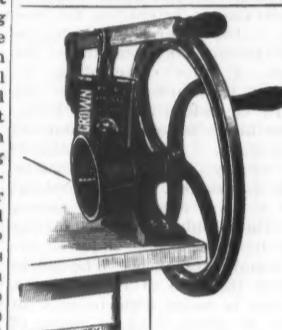
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Wilder Pear.

This very early pear ripening at Rochester about the middle of August is the most beautiful and best in quality of all pears ripening at this early date. This pear was introduced by Green's Nursery Co., and was widely disseminated over the country, yet possibly it is but little known to most of the readers of Green's Fruit Grower. It succeeds as a standard or dwarf, but I recommend it particularly as a dwarf. It bears soon after planting and bears abundantly. A dwarf tree of the Wilder Early pear is almost as beautiful an object as a tree of roses, since the fruit has a bright red blush that makes it remarkably attractive. In quality it is similar to the Bartlett, but is better since it has not the Bartlett's musty flavor. It is of large size for an early pear, but not so large as the Bartlett. No one can make a mistake in planting the Wilder Early pear.

Green's Prize for Photographs.

Green's Fruit Grower has offered a prize of \$5.00 for the best or most interesting photograph, but as yet we have received only a few photographs from subscribers. Any person may send us a photograph, whether a subscriber or not, and be entitled to a prize if they win it. Photographs that do not receive the prize, it will be understood, will be published in Green's Fruit Grower if they are distinct enough to be photo-engraved. There are many items of interest on every farm. Let us have it for publication. Photographs of fruit, vineyards, berry fields or orchards preferred.

One man will work hard all his life and roll up a fortune and die suddenly and the world will say: "Wuzzn't he foolish tew work so hard." Another man will laze around the biggest share of his life and die poor and the world will say: "Wuzzn't he foolish not tew git ahead in the world."

As long as a man lives he is a dead loss to the undertaker.

The sad story of
MY FATHER'S GREAT SUFFERING
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Read the following and be convinced.
WE CAN CURE YOU.



Father Dr. T. J. Tammay, who is himself a doctor, had a vicious cancer that was eating away his life. He is a physician in America could do nothing for him and after nine long years of awful suffering, and after the cancer had totally eaten away his nose and portions of his face (as shown in his picture here given) his jaw was entirely destroyed together with portions of his throat.

He had a tumor in his neck which metastasized and destroyed the great remedy that cured him. This was over forty years ago, and he has never suffered a day since.

This same discovery has now cured thousands who were threatened with operation and death. And to prove that this wonderful treatment without the knife or caustic. And if you know anyone who is suffering from any disease or affliction, please do not let them go to a Christian doctor or kindred to send us their addresses so we can write them how easily they can be cured in their own home. This is no idle talk, we mean just what we say. We have cured others, and can cure you. Forty years experience guarantees success. Write us today; delay is dangerous. Illustrated Booklet FREE.

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Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today Box 100 WINCHESTER, INDIANA.

We agree thoroughly with any proper scheme that may be introduced on the farm that will be pleasant, helpful or entertaining to the women folk.

Farming Department.

Grandpap's Advice.

When things wuzn't goin' to suit us,
An' money warn't jinglin' aroun',
Grandpa—he would say,
In his knowin', wise way:
"Jest keep the plow in the ground."
When the rust it got into the cotton,
An' peared like the corn crop would
drown.
Grandpa—he would say:
"Keep a-pegin' away,
An' jest keep the plow in the ground!"
An' now that he's gone—I kin tell you,
No matter the labor I'm at,
I still hear him say
That same word, ever' day,
An' thar's no better scripter than that!
—Atlanta Constitution.

Farm Notes.

Even the hog growers are awakening and find barley a most valuable food for hogs, and some claim it is the very best. In Denmark barley is looked upon as the best feed for good bacon.

The farmer's hair may be bushy, and his skin bronzed; but his eyes are clear, his digestion is like that of a three-year-old mule, his conscience like the ether above his head, and his bank account as fat as his favorite shoat. He is the most independent creature that wears the garb of civilized man.

According to a recognized authority, each cow should have an allowance of about four tons of silage in the seven months it is usually fed. It is, therefore, easy to determine by the number of cattle to be subsisted, how much silage it is necessary to preserve. A silo reasonably deep is the best preservative of its contents and the most economical, but it is held by good authority that it is desirable to keep the structure within reasonable bounds.

The wages paid farm help have increased from 25 to 50 per cent. within a year or two, the larger increase being near towns where it has been necessary for the farmers to bid against the factory scale. When it comes to help in the house, the increase has been in many cases more than double that which was long paid. When railroad companies advance the wages of their employees they take it off the public by an increase in freight rates; when manufacturing concerns advance the wages of their operatives they pass it on to the consumer; when, however, the farmer attempts to make a modest raise in the prices of his milk, butter, eggs and poultry, a mighty howl goes up that he is an extortioner.

Hunter, Spare That Bird.

Some birds, declares the New Orleans "Times-Democrat," work in the summer nineteen hours a day. The thrush, for instance gets up at 2:30 in the morning and forages until 9:30 at night, during which time he feeds his voracious young 26 times. The working day of the titmouse is not quite so long, but he is a more rapid worker, bringing 417 meals to his family between 3 a. m. and 9 a. m. Even the blackbird cannot be accused of idleness, since between 7:30 and bedtime he drops 100 morsels into the mouths of his nestlings. These figures do not include the quantity of food eaten by the hunters themselves. As many kinds of birds are a fair match for those named, and as their captures consist entirely of caterpillars, bugs and flying insects, it will readily be seen that their industry is the salvation of trees and growing crops. Therefore, don't shoot the birds.

Size for Bushel Boxes.

T. B. Terry, a successful veteran potato grower, says: The boxes we had made years ago for handling potatoes and apples are 13x16 inches and 13 inches deep. These are the inside measurements. A bushel of potatoes should weigh sixty pounds. These boxes hold as nearly that quantity when level full as it is practical to have them.

Potatoes vary some in weight, you know. Solid, round or oval tubers may overrun a little. After handling thousands of bushels in these boxes, we were satisfied with them. But remember that they are to be only level full, so one box can sit on another and not bruise tubers.

Fruit growing and eating makes people sunny, sweet and happy, and I am fully convinced that eternal peace will rule the world just as soon as the "Fruit Consumers' League" has taken us all in. No one can be full of fruit and full of fight at the same time.—J. H. Hale.



T. C. Andersen sends us a photograph of his big Iowa corn.

Lime and Kerosene For Scale.—I can now give you the results of the spraying last spring with the kerosene-limoid emulsion in the orchards of this Experiment Station. The trees have been examined by the men in the Department of Entomology, who make the following report: In an orchard of 535 trees of apples and peaches, 6 to 8 years old, only one or two young insects were found. About 80 trees in this orchard were sprayed with the lime-sulphur-salt wash. In an adjoining orchard of 340 trees of young plums and apples there are three or four trees with scattered scales on, and one tree with considerable live scales present. On 50 young cherry trees adjoining, no live scales were found. Last year these orchards had considerable scale on many of the trees. Since I left Delaware I have paid only a little attention to the San Jose scale, but occasionally get letters from fruit growers who report complete success from the use of kerosene and limoid.—C. P. Close, State Horticulturist, Maryland.

A vigorous movement by Federal and state agencies is in progress to educate the young people of the farm and to make research into the wide field of science that pertains to producing the nation's food, clothing, and other necessities. Discussion has been active for a generation or more regarding the preparation of the farmer for his life work. Many educators think the farmer needs nothing beyond a common school education. Many legislators think that money devoted to training farm people is wasted. The Federal government has voted lands and money to educate the children of the farmer and the mechanic and has endowed institutions to make research. The states have followed the lead of the congress, and something is being done in each of them, much is being done in some of them, to teach the sciences of agriculture. The movement among those interested is so strong that the old-fashioned educator and the hostile legislator are getting in the minority.

Prune the trees and don't leave the branches lying under them. Either take them away or use them for a hedge for sweet peas.

To Make the Farm Home Attractive.

Pile wood neatly.
Keep the barn clean and neat.
Keep walks and porches swept clean.
Clean up or fill up small, dirty ponds.
Burn as much of the garbage as possible.

See that fences are mended and painted.

Keep the grass around the house in good condition.

Cover the old rain barrel with a piece of cheese cloth to keep the insects out.

Rake off all the rubbish, pick up the papers and dispose of all waste material.

Keep the house in good condition. See that the roof is mended and the house painted.

Put screens in neatly and see that the screen doors have locks that are in order.

Don't keep garbage or wet material in wooden barrels, because the wood becomes soaked and can't be cleaned.

Don't empty dishwater right outside the kitchen door. It makes a wet, slimy place, which is often the source of disease.

Be sure that the fence around the chicken yard is in good shape, so that the chickens won't get into the flower garden.

Dig a deep pit and put all the old tin cans, broken bottles, broken china and rusty pans and kettles into it. Cover with earth.

Do not have too many trees right around the house. A farmhouse should be healthy, but it is often quite the opposite; and we find the rooms damp and the roof and foundation is often covered with moss.—Kimball's "Dairy Farm."

"Oh, yes, we have a wonderful climate," said the man from southern Texas. "Why only last season, on my ranch, we raised a pumpkin so large that, after sawing it in two, my wife used each half as a cradle to rock the babies in." "Yes," twitters the man from New York, "but in my state it's a common thing to find three full-grown policemen asleep on one beat." —H. M. H.

Those Hague delegates seem to be preparing for a fight among themselves as a preparation for universal peace on the outside.

A New York professor can prove, by statistics, that women are more thrifty than men.

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that make a horse Wheeze, have Thick Wind, or Choke-down, can be removed with

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or any Bunch or Swelling caused by strain or inflammation. No blister, no hair gone, and horse kept at work. \$1.00 per bottle, delivered. Book & C. free.

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So many people ask me what to take as a blood purifying remedy. Through the columns of your journal I wish to inform those who might be looking for such information, that I have found the tincture of the Echinacea Augustifolia plant to be the best remedy for this purpose. In fact, thousands of physicians all over the country are prescribing it in their practice. This extract, taken in doses of ten to fifteen drops, exerts a powerful blood purifying action, and is one of the most reliable remedies for boils, carbuncles, throat affections and other troubles that originate from impure blood. I had no difficulty whatever to cure the most stubborn cases with the tincture of Echinacea Augustifolia. This preparation can be purchased from any first-class pharmaceutical laboratory, but I obtained the best results with the tincture as prepared by the Luynes H. Pharmacy company of St. Louis, Mo. A 25c bottle is sufficient to demonstrate the great therapeutic value of this remedy. When ordering, insist upon the remedy being prepared from the fresh green plant.—Dr. E. L. Perry.

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Great, isn't it?

You couldn't break or otherwise damage your dishes in the Santo if you tried; the dishes sit still—nothing touches them.

The Santo is the only Dishwasher in the world for family use. It actually saves the housewife over 400 hours a year. At only 10c per hour this saving amounts to \$40 per year, which is seven times the cost you pay.

With a Santo in your kitchen you will find real pleasure in washing dishes. It saves your hands, your chin, and two-thirds of the time required to wash dishes by hand.

You now know what a dishwasher you can afford it at the low price we ask.

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and will prize it above any other washer. Write for free booklet whether you want to work for us or not. It tells how

The Santo Clotheswasher

Is entirely different from all other washers. You have never seen anything like it and will never see any other washer so good.

The Santo is the only washer in the world that uses delicate lace fabric without injury. It washes everything from lace handkerchiefs to heavy blankets and rugs.

It washes every thread perfectly without rubbing your clothes to pieces. It takes out the dirt by successive washings of air and water.

The Santo Clotheswasher will almost double the life of your clothes. It washes ten to forty pieces to spotless perfection easier and quicker than you can wash one piece by hand.

The Santo Clotheswasher is entirely of metal—no wood inside to warp and make splinters and no contraptions inside to tie your clothes into a knot and tear them.

The Santo would be cheap in price

at \$100 you can have it at the same price you would have to pay for the old fashioned washers. Write for free booklet and learn what the ONLY PERFECT WASHER will do.

A Brand New Plan.

No Experience Necessary.

Sample Washers Free.

SEND US YOUR APPLICATION TO-DAY. Tell us how many in your family, whether married or single, how old you are and how long you have lived in your community. Tell us how you know and give us the names of two reliable business men to whom we can refer. We do not care so much for your experience as we do for your references. Our plan is to get into one of the greatest sales organizations in the world. We offer a wonderful opportunity for Clotheswashers, whether you want to work for us or not. Remember, If you go to work for us—YOU WILL GET YOUR SAMPLE WASHERS FREE. Write to us right now while you are thinking about it.

ADDRESS PRINCE MANUFACTURING COMPANY,
DEPARTMENT 30, CHICAGO, ILL.

Rupture

1901-1916

New Scientific Appliance, Always a Perfect Fit—Adjustable to Any Size Person—Easy, Comfortable, Never Slips, No Obnoxious Springs or Pads—Costs Less Than Many Common Trusses—Made for Men, Women or Children.

Sent on Trial

I have invented a rupture appliance that I can safely say, by 20 years' experience in the rupture business, is the only one that will absolutely hold the rupture and



C. E. Brooks, the Inventor.

never slip and yet is light, cool, comfortable, conforms to every movement of the body without chafing or hurting and costs less than many ordinary trusses. There are no springs or hard, lumpy pads but yet it holds the rupture safely and firmly without pain or inconvenience. I have put the price so low that any person, rich or poor, can buy, and I absolutely guarantee it.

I make it to your order—send it to you—wear it, and if it doesn't satisfy you send it back to me and I will refund your money.

That is the fairest proposition ever made by a rupture specialist. The banks or any responsible bank in Marshall will tell you that this is the way I do business—always absolutely on the square.

If you have tried most everything else, come to me. Where others fail is where I have my greatest success. Write me to-day and I will send you my book on Rupture and its Cure, showing my appliance and giving you names and prices of people who have tried it and been cured. It is instant relief when all others fail. Remember I use no salves, no harness, no ties. Just a straight business deal at a reasonable price.

C. E. Brooks, 5112 Brooks Bldg., Marshall, Mich.

CONSUMPTION

BRONCHITIS and CATARRH CURED ••••• FREE

TRIAL TREATMENT of CONDOR INHALATION (California's marvelous discovery) sent to any one afflicted with Consumption, Catarrh, Bronchitis, Asthma, or any nose, throat or lung trouble, to prove that a cure can positively be made at home, without change of climate, loss of time or stomach dosing.

CONDOR INHALATION quickly and directly reaches the affected parts and permanently cures pain in chest or between shoulder blades, raising mucus, constant spitting, lingering colds, hoarseness, chronic coughs, tickling in throat, loss of taste and smell, flushed cheeks, night sweats, chills, fever, hemorrhage, foul breath, stuffed nose, head noises, sneezing, shortness of breath, choking, gasping, wheezing, loss of vitality, strength, weight, etc.

Inhaled through mouth or nose, the heated, medicated vapor arising from burning pastilles penetrates to every nook and corner of the air passages and lungs, disinfects and rebuilds ulcerated tissues, loosens and raises mucus, destroys and ejects poison germs, heals lung cavities, affected nasal passages and bronchial tubes, and restores health.

Write today, mentioning your disease, and we will send you free of charge, Trial Treatment, 48-page illustrated Book and information about how to get well.

CONDOR CURE CO., Dept. 19 K., Los Angeles, Calif.

A MEAL IN A MINUTE.

To the woman who possesses an Enterprise Meat and Food Chopper, the most important part of the preparation of any meal can actually be accomplished in a minute. A little cold meat, or in fact, almost any of the food materials in any kitchen, and with a few turns of the handle the trick is done. Meat cakes, croquettes, or any of a hundred dishes in almost less time than it takes to tell it. And best of all, more delicious than they could be prepared in any other way.

Any of our readers can secure a valuable cook book, famous for its recipes for delicious "quick meal" dishes, by writing The Enterprise Mfg. Co., Phila., Pa., 237 Dauphin street, and asking for it. This book, though published to be sold at 25 cents, will be sent free to our readers. It contains more than 200 splendid recipes and many helpful kitchen suggestions.

"Law is the product, not of one or two generations, but of many. National character is always insensibly changing, and changing more rapidly. The more advanced in civilization the nation becomes, the greater the vicissitudes in its fortunes, the more constant its intercourse with other nations."

Men rarely succeed in changing the world; but a man seldom fails of success if he lets the world alone and resolves to make the best of it. It is easier to climb a mountain than to level it.—Lord Lytton.



CORRESPONDENCE

The Importance of Knowing How to Ship Apples.

Editor of Green's Fruit Grower: There are many people who begin fruit growing without realizing how necessary it is to understand the details of the business. Every class of business has its peculiar details which differ from those of other lines of business. It is for this reason that those men who are ever changing from one business to another do not succeed so well as those who continue in one line.

One kind of experience is necessary in growing strawberries, another in growing grapes, another in growing apples, peaches, pears, plums, quinces, etc. This varied experience necessary in growing the different kinds of fruit answers the question so often asked, why is it that a specialist in fruit culture succeeds better with his specialty than the man who attempts to grow all kinds of fruits?

My attention is called to this subject by the experience of a young man who gathered his first crop of apples in Southern Indiana and sent them up into Northern Wisconsin by express to be sold. He had heard that apples in the north where the winters are so very cold that apples cannot be grown, were worth five dollars a barrel at that time. The young man followed the shipment of apples and arrived at the point of destination about the same time the apples did. I was then in the grocery business there and he came to see if I would buy his apples. I went with him to the station and found that the barrels had not been fully filled with apples, therefore the fruit had rattled and every barrel was injured. I told him that he could not sell this fruit for enough to pay his express charges, and that he should have shipped them by freight.

The young man seemed to be in great distress, saying that he had not enough money in his pocket to pay his railroad fare back home again. I went with the young man to the express agent and told the agent of the circumstances, saying that the whole shipment of apples belonged to the express company. "You can sell all the apples and take all of the money you get to pay the express charges, but you must send this man back to his home without any charge, for he has no money to pay for his fare."

The express agent very kindly arranged with the express messenger on the car to allow the apple shipper to ride back in the express car to his home without charge. Otherwise he would have been stranded 400 miles from home.—J. H. H.

Mrs. Gilbert Phelps, Kan.: The Arbor Vitae, better known as Yellow Cedar by some, also most other evergreens, if pruned at all should be pruned in early spring before the new growth begins. If large trees are desired no pruning should be given. But if the height and breadth of the trees or hedge is desired to be reduced or kept small an annual pruning is necessary with all evergreens. If simply the heads are desired to be kept low, cut off one-half or more of the new growth at the top of each tree each spring. Remember that you can make these trees or any other trees of any shape or almost any size you desire by pruning. The top, and tips of side branches could be cut off in June, July or August, but I prefer early spring.

Peach Grubs.—W. B. Johnson, of Ohio, asked for what to do with peach borers as he has a peach orchard of 1,000 trees.

Reply: At Green's Fruit Farm we dig about the roots of each peach tree every spring in June, digging out the white grubs that are about the roots. In the fall we go over them again destroying the few that may remain at that time, then we bank up the trees for winter. The white worms that bore into the peach trees are hatched from eggs laid at the base of the trees by a wasp-looking insect, smaller than a wasp. I have never heard of any method of keeping the borers away from the trees except by digging away the earth and destroying them.

Green's Fruit Grower: I think it will pay to read Green's Fruit Grower in the summer time, if we have to take special time to do so, as the large amount of valuable information which it contains is certainly a great financial aid to agriculture, especially the fruit department.—A. Harrison, Ontario.

The Greatest of all Musical Inventions—the Two-Horn

DUPLEX

PHONOGRAPH

FREE TRIAL

NO MONEY IN ADVANCE

It is the one phonograph that gives you all the sound vibrations. It has not only two horns, but two vibrating diaphragms in its sound box.

Other phonographs have one diaphragm in their sound box. The Duplex has all the volume of music; other phonographs get half. Not only do you get more volume, but you get a better tone—clearer, sweeter, more like the original. Our

FREE CATALOGUE

We allow seven days' free trial in your own home in which to decide whether you wish to keep it. If the machine does not make good our every claim—volume, quality, saving, etc.—just send it back.



Each horn is 30 in. long with 17 in. bell. Cabinet 18 in. x 14 in. x 10 in.

FREIGHT PREPAID

Seven Days' Free Trial We allow seven days' free trial in your own home in which to decide whether you wish to keep it. If the machine does not make good our every claim—volume, quality, saving, etc.—just send it back.

We'll pay all freight charges both ways.

All the Latest Improvements

The Duplex is equipped with a mechanical foot that relieves the record of all the destructive work of propelling the reproducer across the surface. The needle point is held in continuous contact with the inner (which is the more accurate) wall of the sound wave groove, thus producing more perfectly whatever may be recorded upon the record. The Duplex has a device by which the weight of the reproducer upon the record may be regulated to suit the needs of the occasion, thus greatly preserving the life and durability of the records. These are exclusive features of the Duplex and can not be had upon any other makes of phonograph. Plays all sizes and makes of disc records. Our Free Catalogue explains everything.

DUPLEX PHONOGRAPH CO., 335 Patterson St., Kalamazoo, Mich.



FRUIT EVAPORATORS

FOR HOME USE OR COMMERCIAL PURPOSES.

Green's Improved Parers Corers and Slicers

Send for Descriptive Circulars and Prices.

GREEN'S NURSERY CO., ROCHESTER, N. Y.
IMPLEMENT DEPT.

Save Your Trees

from the ravages of Fungus growth and Insect pests. Now is the time—don't wait till spring.



will save your Trees and increase the quality of your Fruit. It has been used successfully for years.

American Hort. Dis. Co., Box 700, Martinsburg, W. Va.

How to Prepare Unfermented Grape Juice.

Written for Green's Fruit Grower. Though unfermented grape juice has been in use for hundreds and perhaps thousands of years it seems to be something new to the American people. I remember drinking my first glass of grape juice in New York city ten years ago. I had read about it and had a desire to test it, but had no opportunity previous to that time. I paid 10c for a small glass. This particular sample was not clear and transparent, but seemed to have in it particles of grape pulp, therefore it was not inviting to the eye. But it was a delicious drink. I smacked my lips after draining the glass, and promised myself that I would prepare or purchase a supply of this healthful and nourishing drink for future years.



During the past ten years a great industry has sprung up in the manufacture of grape juice on a large scale. The manufacturers of grape juice do not, as a rule, have vineyards of their own; they build factories in the Brockton, N. Y., grape districts or at Hammondsport, N. Y., or near the vineyards bordering Cleveland, Ohio, where they can buy fresh ripe grapes direct from the wagons of the vineyardists, fresh picked almost with the dew upon them, without any cost for cartage, express or freight. The juice from these grapes is pressed into great glass lined tanks, is purified and cleansed of seeds and pulp, is heated to the proper temperature, bottled in both pints and quarts, packed in wooden boxes containing one dozen bottles and shipped to every part of the world.

The heating of the grape juice is an important affair. The grape juice should not be heated much above 180 to 200 degrees. If the juice is allowed to become much hotter it is liable to lose its transparency and have a cloudy look, which does not detract from its quality but detracts from its salable value.

The housewife who is accustomed to canning fruit will scarcely need instructions in preparing grape juice since the process is almost identical with that of canning fruit. Preserved grape juice is in fact canned grape juice.

The grapes are first crushed and the juice pressed out. The simplest method of pressing out the juice is to place it in a bag made of coarse cloth; a large portion of the juice will drip out naturally, the remainder can be forced out by the pressure of the hands. It is better that the juice should not come in contact with the fire, but should be placed in a jar or jug and the jug placed in hot water over the stove. The heating is simply to sterilize the juice or to destroy live germs contained therein. The filtering or removal of the particles of pulp or skin can be done by running the juice through flannel cloths. Pour the juice into the bottles when hot, being careful not to entirely fill the bottles. Cork and seal immediately while the juice is hot.—G.

The Gans Early Pear.

Specimens of this pear are produced each year at Green's fruit farm and specimens have been sent to my office. This year specimens arrived August 20th. Though the weather has been very dry and opened up late in the spring, making apples and other fruits small in size, the Gans pears are of good size for an early pear, considerably larger than specimens of Wilder Early pear. The color is green, without blush, therefore it is not as attractive as the Wilder, neither is it of as good quality as the Wilder, and yet I consider it one of the more valuable of our early pears. It is a new variety but little known.

Who is wise? He that learns from every one.

Who is powerful? He that governs his passions.

Who is rich? He that is content.

—B. Franklin.

"Ol' Nutmeg's" Sayings.

Written for Green's Fruit Grower by Joe Cone.

Ice cream tickles the palate also the dispersion.

A microbe is all right pervidin' he's healthy.

Ev'ryone thinks he kin make the world better, but he don't try.

Joy seldom kills; it even seldom fails tur make a lastin' impression.

A fly is natteraly drawn tuds merlesses, but he prefers a bald head.

Keep diggin' at it; that's the on'y way a dorg ever gits a woodchuck.

Yew can't teach an ol' dorg new tricks, an' gen'y yew don't hafter.

Don't monkey with the gun that ain't lugged, 'cuz it gen'y is.

A big head in the mornin' is purty good proof that it wuz small the night afore.

Riches hev wings, an' thet may accout fur some uv the rich people flyin' so high.

A cat knows the diffunce between skim-milk an' cream, but she'd jest ez soon hev 'em mixed.

Ev'ry man should be given a chance, an' tew chances ef he don't make good on the fust one.

It's all right tew hitch yewr wagon tew a star, but ef it's an autermobile Lord help the star.

In times uv peace prepare fur war," an' also make preparations tew git a-holt uv the biggest piece.

It is a credit tew a man tew blow his own horn pervidin' he furnishes all his own wind.

Some people are mighty keerful that they don't fall in love so deep but that they kin git aout ag'in withaout any help.

"A bird in the hand is wuth tew in the bush," an' tew in the bush is wuth ten on a wummun's burnit.

They's this sartisfaction abaout buildin' air castles: they kin be kerried right along same ex in the ol' days notwithstanding the presunt price uv lumber.

The biggest tud in the puddle ain't no better off than the smallest one when the puddle dries up an' leaves him high an' dry.

It's a good idee tew hit the nail on the head, but it is, uv course, wise tew be keerful in the selection uv the nail.

Lightnin' seldom strikes twice in the same place fur the reason that gen'y they ain't enough uv the place left fur it tew strike a secunt time.

Some people heap coals uv fire on the heads uv some other people by wishin' they wuz in a hot place which ain't proper tew mention.

An Ideal Plan of Profit Sharing.

Could any more practical plan of profit sharing be devised than is offered by Tyrrell Ward & Co., of Chicago, whose advertisement appears in this issue? All the dealers and jobbers profit on the family's purchase of groceries, soaps, perfumes, flavoring extracts and household supplies are given to their patrons in the form of handsome premiums. Furniture, clothing, jewelry and other luxuries can be obtained without any additional expense by purchasing your household supplies from this company. It will pay you to read their ad. carefully and then write to them at once if you are interested, which we feel sure you will be.

I thought I would write and tell you about the fruit crop in this part of Indiana. There was a good crop of blackberries and raspberries. No early apples to speak of. The winter and fall apple crop will be small in size and about half a crop at that. The grapes will be about half a crop. There will be no pears or plums. There will be some wild fruits and nuts.

The wheat crop made about thirty bushels to the acre. We are having plenty of rain and hot weather. There are good prospects of a good corn crop.—A Small Fruit Grower, Elizabethtown, Ind.

Fun for the Family

A loving wife bids a last good-bye
To a husband who is sinking in death;
She bends over him with a tear in her eye,
And whispers a last request:
"Oh, promise me now, while e'er you can,
So this parting won't seem too hard,
That you'll send me back from that un-
known land
A souvenir postal card."

—Home Ballads.

"What has become of Nineveh?"
asked the Sunday school teacher.
"It was destroyed," answered Johnny
promptly.

"And what became of Tyre?"
"Punctured."

Edyth—Jack Huggins actually had the impudence to kiss me last night.
Mayme—The idea! Of course you tried to scream?

Edyth—Yes—every time.

Joax (at the 'phone)—Hello! Is this Dr. Pillsbury?

The Other—Yes.

Joax—This is Joax. I wish you would come up at once and see what you can do for the baby.

The Other—What's the trouble with him?

Joax—He's financially embarrassed.
The Other—Financially embarrassed!
Joax—Yes. He just swallowed a pen-

“The word is ‘q u-a-r-t-z,’ quartz,” said the teacher. “Now, can you use it in a sentence, Maggie?”
“Why,” replied the little girl, “it’s like this here: ‘When a gent loves a lady he quartz her.’”—Philadelphia “Press.”

“That,” said Senator Beveridge to a witicism, “was quaintly put. It is like the remark of the old veteran. This aged man, going from his room one night to let out the cat, stumbled on the landing and pitched headlong down into the hall. ‘Why, Silas,’ called his wife, ‘is that you? Did you fall down stairs?’ ‘Yes,’ grunted the old fellow, rising slowly. ‘Yes, I did, and for about a minute and a half I thought I’d lost my pension.’”—“Argonaut.”

THE SUMMER VACATION.
40 weeks' anticipation.
10 of bustling preparation.
1 to pack and reach the station.
1 of final realization.

52—from “Outing.”

“So poor Bill is gone, has he? How did he die?”
“Three tons of cement fell on his chest.”

“Poor feller! He was always weak there.”—Harper’s “Weekly.”

Baggs—What do you say to your wife when you come home late at night?
Jaggs—Foolish man! What makes you think I get a chance to talk?—Cleveland “Leader.”

The Cop—How did you come to get hit by the car?

The Reub—I didn’t come ter git hit by the car—I come to visit my son-in-law.—Cleveland “Leader.”

Mr. Henpeck—Doctor, I’ve taken a house at Mudleigh-on-Sea. Do you think it’s healthy?

Doctor—I believe so; but do you think the climate will disagree with your wife?

Mr. Henpeck—Oh! It wouldn’t dare to.—London “Opinion.”

Employer—You say you want a position as second coachman. Have you had any experience in hooking up?

Applicant—Oh, yes, sir; lots, sir. My wife’s waists all fasten in the back, sir.—Baltimore “American.”

Diplomatic Bachelor (who had forgotten whether the baby was a boy or girl)—Well, well, but he’s a fine little fellow, isn’t she? How old is it now? Do her teeth bother him much? I hope he gets through its second summer without getting sick. She looks like you, doesn’t he? Everyone says it does.—“Puck.”

“How much did that machine cost?” asked the Billville farmer, after the automobile had knocked him from the highway.

“Three thousand,” was the reply.
“My! my!” he exclaimed. “An’ to think that all these years I’ve been runnin’ a risk o’ being run over by a \$40 mule hitched to a \$6 wagon.”—Atlanta “Constitution.”

Remarkable Fat Reducer

▲ New Remedy Which Quickly Reduces Surplus Flesh, Leaving the Person in Normal Weight and Good Health.



The Above Illustration Shows the Remarkable Effects of This Wonderful Obesity Reducer—What It Has Done For Others It Can Do For You.

TRIAL BOX FREE.

No dieting, exercise or exertion is necessary. My natural, scientific Obesity Reducer does all the work. You will feel a hundred times better the first day you try this wonderful home reducer.

Simply fill in your name and address on dotted lines below and mail to F. J. Kellogg, 630 Kellogg Block, Battle Creek, Mich., and you will receive a trial package by return mail, all charges prepaid.

Catarrh Cure Free

Catarrh Often Causes Consumption, General Debility, Idiocy, and Insanity. Cure It with Gause's Catarrh Cure Before Too Late. Costs Nothing To Try.



If your nose is stopped up, if you continually k'haw and spit and there is a constant dripping from the nose into the throat, if you have foul, disgusting breath, you have Catarrh and I can cure it.

All you have to do is fill in your name and address on dotted lines below and mail to me, C. E. Gause, 1162 Main Street, Marshall, Mich., and I will send you a trial package of my Combined Catarrh Cure by return mail, prepaid. Try it! It will positively cure so that you will be welcomed instead of shunned by your friends.

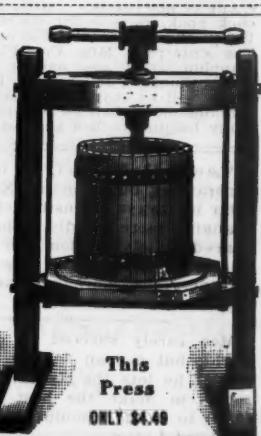
Name _____

Address _____

Fruit Presses FOR ALL PURPOSES

LARGE or SMALL Presses with grinding mills or without.

Send for descriptive circulars and prices.



GREEN'S NURSERY CO.,

Supply Dept. ROCHESTER, N. Y.

This Press
ONLY \$4.40

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Quickly Re-
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The Remarkable
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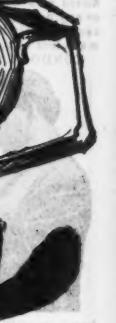
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DENVER

Be Our Guest on A Trip to Colorado

On the first and third Tuesdays of each month we run excursions to Otero County, Colorado, and we want you to be our guest. We want to show you 5,000 acres of Irrigated land which we are offering for sale in any size tracts from \$70.00 to \$125.00 per acre. We want to show you land that can be made to yield a larger cash profit than any other farm land in the country.

Here are a few crops that pay big money: Raising sugar-beets will yield \$100.00 or more per acre. Alfalfa will bring \$40.00 or more. Raising cantaloupes will yield \$500.00 per acre and upwards. Fruit \$100.00 to \$500.00 per acre and upwards. Vegetables from \$80.00 to \$125.00 per acre. Wheat 60 to 70 bushels per acre. Oats 75 to 100 bushels per acre, and many others, too numerous to mention in this announcement, can be made to yield equally as much. The Colorado climate is the most healthful in the world. The clear air and the sunshine makes it a paradise for health-seekers. Tens of hundreds of people visit this state every year simply to rest and recuperate. Almost 340 days of the year the sun shines. No severe winters or bad weather. If you buy one of our farms you can be working while the farmer in the North and in the East is hugging the stove to keep warm. You and your children will have every possible advantage. We have good schools; high-schools and country schools. Churches of all denominations within easy walking distance. This shows there are a good class of people there. The land is almost perfectly level and is full of vegetable mould. It is located between Olney Springs on the Missouri Pacific Railroad and Rockyford on the Santa Fe. Rockyford is the famous Cantaloupe town. The roads are in the best of condition. They never get muddy, and travel or hauling is easy at all times. We have the Rural Free Delivery Mail Routes which reach every home and hamlet.

The good telephone service puts you in touch with all parts of the state and union. We have good well water for drinking purposes and plenty of water for irrigating which is already on the land. Our season

is early
and we are located
near the markets, thus
affording you the best prices.

Building in Otero County is as cheap, if not cheaper, than anywhere else in the North, East or South. If you so desire, you can build a 2-room portable house for about \$80.00 until you get ready to build a good house, which would cost from \$250.00 up.

Our prices for this land are extremely low when you consider that land in other parts of the state is selling for from \$250.00 to \$1,500.00 per acre.

The land that we are now offering you will double in value within the next year. The advantages of one of these farms are too numerous to mention in the limited space of this announcement. We want you to be our guest and go out with us and see for yourself. Let us prove to you that the above statements are not in the least overdrawn.

Here Are Some STUBBORN FACTS—See report No. 80, U. S. Department of Agriculture, Page 109, on Colorado Irrigated Lands:

480 acres sugar beets 10,100 tons or.....	\$50,500
Less all expenses	19 200
Net profit.....	\$31,300

Compared With Corn—

480 acres corn 24,000 bu. or	\$9,600
Less all expenses	3,600
Net profit.....	\$6,000

Net profit in favor of sugar beets..... \$25,300
The price of beets every year is \$5.00 per ton. The price of corn uncertain.

On 34 acres of beets one man cleared net \$3,825.

Another rented 80 acres for 3 years, planted all in sugar beets, he paid rent \$4,380, and cleared above all expenses \$9,920.

Fill out the attached coupon and mail it to us.

You do not

need to write a letter.

We will send you full information, maps and other circular matter.

We want you to become a Colorado farmer, to live in the most healthful state in the union, and to get the largest cash returns for your labor.

If you cannot make a trip with us to Colorado, we would suggest that you read carefully our circular matter, pick out the farm that you want, send in your first deposit, and then make the trip at your convenience. This is not a speculation or a chance game of any kind, but it is the simplest, sanest, safest, soundest, best investment you will ever have a chance to make. Failure is unknown except through individual carelessness. You are absolutely fortified against frosts by the climate—against excessive rains by the natural conditions—against drouth by the most complete and perfect irrigation system in the country.

The land is selling rapidly and we want you to get your choice at once, so fill out the coupon and send it to us without delay.

THE NORTHWEST LAND & TRUST CO., 553 Monadnock Bldg., Chicago

COLORADO
SPRINGS

Otero County, Colorado

553
PUEBLO
The Northwest Land & Trust Company, Chicago, Ill.

Gentlemen: Please send me full information regarding your irrigated lands, and your special excursions. It is understood that this request puts me under no obligations should I decide not to buy.

Name _____

City _____

State _____



REST AND RECREATION

Fun and Amusement For All—The Editor Tells You How You Can Always Have An Entertainer At Your Command.

The Editor has told the readers of this paper month after month how necessary it is to have rest and recreation—that in order to break the monotony and drive away dull care and get the most out of life we must relax from work and forget business.

Now do you enjoy yourself after the day's work is finished, the chores and odd jobs taken care of? Then you are ready for something to amuse, please and instruct as well. The old and young alike must have rest and recreation for we all know that "all work and no play makes Jack a dull boy."

Music For Your Home!

Can you imagine anything more fun and actual rest and recreation than from a genuine Edison Phonograph? I do not mean the old, raspy, choky, scratchy kind of talking machine so commonly heard, but a Genuine Edison—the very latest improved Outfit No. 5 that reproduces to perfect exactness the finest music in the world.

Just think of having in your home such a marvelous instrument—an entertainer always at your command, one that needs no coaxing, never tires and never disappoints. At any time during the day or the long evenings you can sit on your own porch or in your own parlor and listen to the sweet voice of some world-famed singer—a song sung by a voice so beautiful and brilliant that thousands are not in the least wonderment drinking in the sweetness of the song.

You, too, can hear the very song that thousands have paid \$5.00 to \$10.00 a seat to hear, and when the song is finished all you need to do is to move the reproducer to the beginning and you will hear the song again in all its sweetness. I know that this is not the opinion of this writer who will no longer spend thousands of other hours done, when they hear this wonderful Genuine Edison Phonograph reproduce these beautiful songs.

Minstrel Shows and Operas!

And that is not all; the greatest bands and orchestras of the world will play for you—waltzes, marches, two-steps, overtures, concert pieces, all the old master classics as well as the latest minstrel shows and comic operas music. The very same minstrel that amuse packed houses in the large cities now after night will make you laugh at their comic songs and funny jokes.

You can hear the exquisite strains of music of the violin or string orchestra, the "dancy" music of the banjo, the brilliancy of the cornet solo, or put on a record of one of Sousa's inspiring marches and you hear the call of the trumpet, the voices of soloists duets of men and women, the answer of echo of flutes and picclos, the crash of the drums and cymbals, and again all the instruments in unison—music that will stir your very soul—so entrancing, so inspiring that it is hardly possible to sit still—the very same wonderful music that has hushed and charmed immense crowds and leave encircled to sit in your own home through the genuine Edison Phonograph.

You can certainly enjoy and appreciate that which is good in life with a Genuine Edison in your home. All the music, all the vaudville sketches, the grand opera and comic operas, the great singers as well as the great speakers' and statesmen's speeches, sermons by famous ministers, etc., etc., are at your command.



A Concert At Any Time.

You and your family, your friends and neighbors have a concert, musical, dance or song as often and as much as you like. You can sit in your own parlor or on your own porch and listen to the program of records 8801—"Song of Lantern Overture".....Orchestra 8149—"Song of Barney and Eileen".....Recitation 8200—"Wilhelmina Walked".....Orchestra 8054—"Dearie".....Tenor Solo 8706—"Melody of Southern Air".....Band 9012—"Tulip Horn".....Minstrel Show 7252—"Holy City".....Minstrel Show 9145—"Everybody Works But Father".....Band 8802—"Virginia Red".....Band 9098—"Chimes From Normandy".....Band 8854—"Ring the Bells of Heaven".....Church Chimes 8138—"Wedding of the Winds".....Waltz 9130—"Have You Seen My Haughty Brown".....Banjo Solo 8781—"Dance of the Fairies".....Banjo Solo 5019—"Abide With Me".....Banjo Solo 8894—"Thoroughbred".....Gwo-Step).....Band 8308—"Infamatus".....Cornet Solo 7422—"Man Behind the Gun".....Band You have hundreds of other pieces to choose from and can easily afford to buy them. The chief secret of the value of the Edison concertos is that there is no end to what you can hear and enjoy. Your own boys and girls and the boys and girls of the neighborhood would rather listen to the Edison Phonograph than seek pleasure elsewhere—pleasures that may not be as enjoyable or elevating as this. The Editor knows that this wonderful instrument can now be had on free trial and urges you to sign the coupon and get an Edison catalog free.



LOOK at this happy home scene with the baby laughing, the mother so happy, and the grandfather in the corner—all enjoying the Edison phonograph. The Edison has indeed been rightly called the king of entertainers for the home. If you have heard only the old style machines or the rasping, scratching imitation machines heard at county fairs and the like, you cannot imagine what a treasure of good cheer, what endless entertainment the new improved genuine Edison phonograph can give to all your family. READ what Mr. Edison says. Read below how every responsible person can get a genuine Edison phonograph on free trial, to be bought, if acceptable, either for cash or on the easiest possible monthly payments.



MR. EDISON

"I Want to See a Phonograph in Every
Says: American Home."

The phonograph, as the reader may know, is the wizard's hobby. *Thomas A. Edison*

A New Style Edison Phonograph Out This Month! The latest perfected product of Mr. Edison's factory. The new Outfit No. 5 just out! Latest improvements—new features—exclusive points of superiority.

See It—Hear It! Get this remarkable instrument in your own home—then you will see how far superior this is to any ordinary talking machine—far superior even to the finest Edison Machines you have heard heretofore.

FREE TRIAL

Model Outfit No. 5. This outfit will be sent direct to your own home without paying us a single cent in advance—you make no deposit—pay us no C. O. D.—no guarantee. **The New Outfit No. 5** is sent you on absolute free trial in your own home; then if you do not wish to keep the instrument—if you do not think it is the clearest and most beautiful phonograph you ever heard, return it to us at our expense and we will not charge you one cent for the trial. Try the instrument in your own home, play the stirring waltzes, the two-steps, marches, concert pieces, both grand and comic opera—hear the greatest bands and orchestras in the world, listen to the songs of the world-famed singers, laugh at the funny minstrel sketches, coon songs and comic recitations. Play all these and the many other wonderful pieces you can hear through the Edison Phonograph—the New Outfit No. 5. The trial is FREE, and you may return the instrument at our expense if you don't wish to keep it. If you decide to keep this New Model Outfit No. 5, you may send cash in full or pay on easiest terms, just as you prefer.

\$2.00 a Month

proved model Edison outfit only \$3.50 a month. And at **ROCK-BOTTOM PRICE**, no matter whether you send cash in full or pay on our easiest terms. Surprising rock-bottom prices on the finest improved Edison outfits. One-third price—one-fourth the price of inferior imitations.

For Cash in Full we cannot allow any discount. The price we ask is the very lowest possible and is exactly the same whether you pay cash in full or in small installments. Get the outfit on free trial anyway—then you can decide.

EDISON CATALOGS FREE

Sign this coupon and get the great Edison catalogs, the catalog of phonographs showing every style of Edison machines and the catalog of 15,000 Edison records; also the magnificent circular of our new 1907 model Edison outfit No. 5.

5. You will be surprised at the rock-bottom prices on the finest kind of talking machines. Get all these catalogs free, prepaid, and select the machine you want to try on free trial offer.

Every responsible reader of this paper should sign this coupon. You need not bother with a letter. Just write your name and address plainly on the coupon and mail in an envelope. Sign Coupon NOW.

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Vice-President
Edison Phonograph Distributors
Edison Bldg., Suite 3317
CHICAGO

Thomas A. Edison

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FREDERICK BABSON, Vice-President, Edison Phonograph Distributors, Edison Building, Suite 3317, CHICAGO. Edison Phonograph Distributors, Edison Building, Suite 3317, CHICAGO. Without any obligation on your part, send at once for my free catalog and for information concerning our free trial—easy payment plan.
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NO LETTER NECESSARY; THE COUPON WILL DO



The New Outfit No. 5 (just out this month) is so far superior to the ordinary talking machines that there is simply no comparison.

Even the old Edison Outfit No. 5, the peer of all outfits, is now eclipsed. This new No. 5 is equipped with the brand new style Tulip Horn, a type of horn that is now being produced for the first time. It is a much larger horn than that used on the old outfit No. 5; it is the most handsome horn ever put out, being hand decorated with beautiful flowers in many tasty colors. But the real reason we chose this extra large Tulip shaped horn is because of its acoustic properties; the reproduction of sound from this horn is simply perfect, giving the largest possible volume, the finest tonal shading, every instrument of a brass band, every whisper of a recitation being given full value in the most natural manner conceivable.

Among other exclusive features, this New Style Outfit No. 5 is equipped with: (1) A Tizzet. (2) An automatic stop. (3) An automatic brush. (4) A tone modifier. (5) Various equipments and extras not given heretofore with any phonograph outfit, all extras the value and importance of which you will quickly appreciate when you get the new style outfit on free trial. The modifier, with which you can in an instant increase or decrease the volume of sound, itself makes this machine worth much more than any other outfit. All the superior points of this new style model No. 5 outfit are explained in the Edison books which are sent you free on request. Sign the coupon and get the Edison books, free prepaid.